

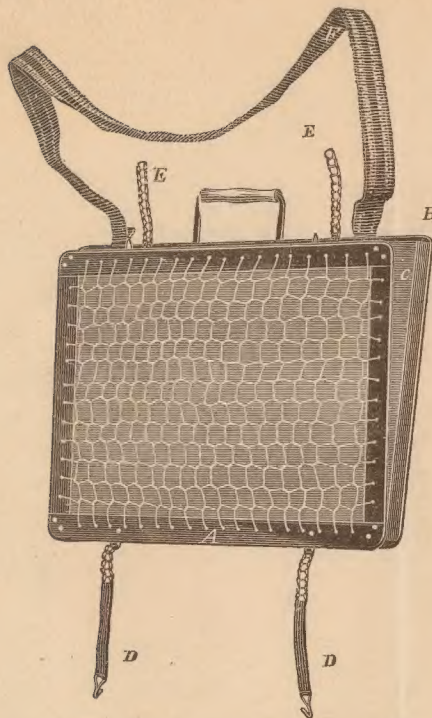
Lists of Plants.

(4)

Cusick, W. C.	Oregon, 1880.	p. 40.
" " "	" 1881.	p. 46.
Harvey, F. L.	Arkansas, 1881.	p. 42.
Bowell, J. & J.	Oregon, 1880.	p. 44.
Jones, M. E.	Utah, 1879.	p. 34.
Lemmon, J. G.	California, 1876.	p. 5.
Macoun, J.	February, 1880.	p. 37.
Matthews, Dr. W.	California, 1879.	p. 32.
Palmer, E.	Arizona & S. Calif. 1876.	p. 13.
" "	S. Utah & Arizona, 1877.	p. 26.
Parry & Lemmon,	S. California, 1876.	p. 21.
Rothrock, J. T.	S. Cal. (Wheeler Exped.) 1875.	p. 1, 7.

Roessler's Portable Wire Plant-Press.

AS DESCRIBED BY PROFESSOR D. C. EATON.



ROESSLER'S PORTABLE WIRE PLANT-PRESS.

press will securely hold and compress the contents. Elastic straps, D, at the ends of the chains, are furnished with hooks to secure the chains, so that the press cannot be thrown open by accident, but may be opened and readjusted without delay. The presses have their sides of knitted wire-work drawn tight, and are handsomely japanned, so that they will not rust. They may be carried by either a handle or strap, as seen in the figure. Presses or portfolios of this kind have the very great advantage of permitting evaporation to go on from the sides, while board presses depend entirely on absorption by the dryers. I have found that by the use of a press of this kind, even kelps and rockweed (*Laminariæ* and *R. Fuci*) may be readily dried, especially if the press be placed in a current of heated air, as for instance, over a common hot-air register. These presses are made of just the proper size to prepare specimens suitable for the common size of American herbarium paper, $16\frac{1}{2}$ by $11\frac{1}{2}$ inches.

The undersigned keeps on hand and for sale a full assortment of Botanical Microscopes, such as the Gray's large Class microscope, for dissecting; the Tenney microscope, and others; also, all the implements used in the study of botany, such as dissecting knives, forceps, Eaton's plant digger, and paper for drying and pressing.

Respectfully,

PAUL ROESSLER,
251 Chapel Street, New Haven, Conn.

A few years ago, Professor Alphonso Wood described in the "Bulletin of the Torrey Botanical Club," a wire or wire-netting botanical press, which he had found of great service while collecting plants in California. But it does not appear that any presses of Professor Wood's pattern were ever manufactured for sale.

Mr. Paul Roessler, of New Haven, Conn., has now, however, perfected a wire botanical press, something like Professor Wood's, but more like the presses used in some parts of Germany. It will be seen from the accompanying engraving that instead of a heavy wire border, the border is of thin strap iron, A, which is perhaps an improvement.

One side of the press is furnished with chain-work straps E, and the other side with four little hooks, projections, to which the chains may be fastened, by any one of their links, with no trouble, so that whether empty or full, the

Box to Dr. Comm
address

Dr. E. Comm

7, Rue Abbetucci, Paris
said.

- ✓ ✓ 1 copy Structural Botany
- ✓ ✓ 1 copy of Synopsis Flora N. Am.
- ✓ ✓ 1 " Fasc. 1 & 2, of Curtis's S. Plants
- ✓ ✓ (\$40) - Presented by us, -
Sils of Embryos Mex. Plants - little value -
- ✓ ✓ 1 set Fendler's Herbarium of Trinidad.
\$ — 7.50 -
- ✓ ✓ 1 " Palmer & Parry's Plants of
Mexico, 583 Species, 68.00 -
- ✓ ✓ 1 set Palmer's Plants of Arizona
& California - said to be 439 sp. 25.00 -
- ✓ ✓ 1 set Wright Cuban Plants
said to be 960 - sp.
- ✓ ✓ 15 - Volumes of Cuba
- ✓ ✓ a large set of Orchids
- Dr. Comm to pay what is
proper

$$2\frac{1}{2} \times 2\frac{1}{2} \times 3\frac{1}{6}$$

$$\frac{6\frac{1}{4}}{25}$$

$$\frac{24 \text{ feet}}{25}$$

Other

Other Contents of box to Corson.

Herbarium of Jardin des Plantes.

✓ 1 package of Dried Plants

✓ 1 book for Prof. DeCaisne

✓ 1 " Library of Botanical Society
of France -

✓ 1 Package (Curtis Florida Plant Fasc. 2.)
for M. Boissier of Geneva.

✓ 1 Package Perry & Palmer Mex. Pls.
for M. Boissier

		Corson	Boissier
3 bundles Curtiss	\$60.00	40.00	20.00
1 set imp. to Corson	65.00	65.00	-
1 " " Boissier	45.00	-	45.00
1 " Palmer, Arizona	25.00	25.00	-
1 " with Cuban	100.00	-	-
1 " Trinidad fms	7.50	7.50	-
Miscellaneous	15.00	-	-
Books	11.00	-	-
	<u>\$ 331.00</u>		<u>\$ 65.00</u>

herbarium, 2.40

Rec. July 15th 1879 \$ 62.60

Herbarium of Stanford Univ

Rothrock - continued. from p. 3

346. 225. *Gayophytum diffusum*.

7.

6.

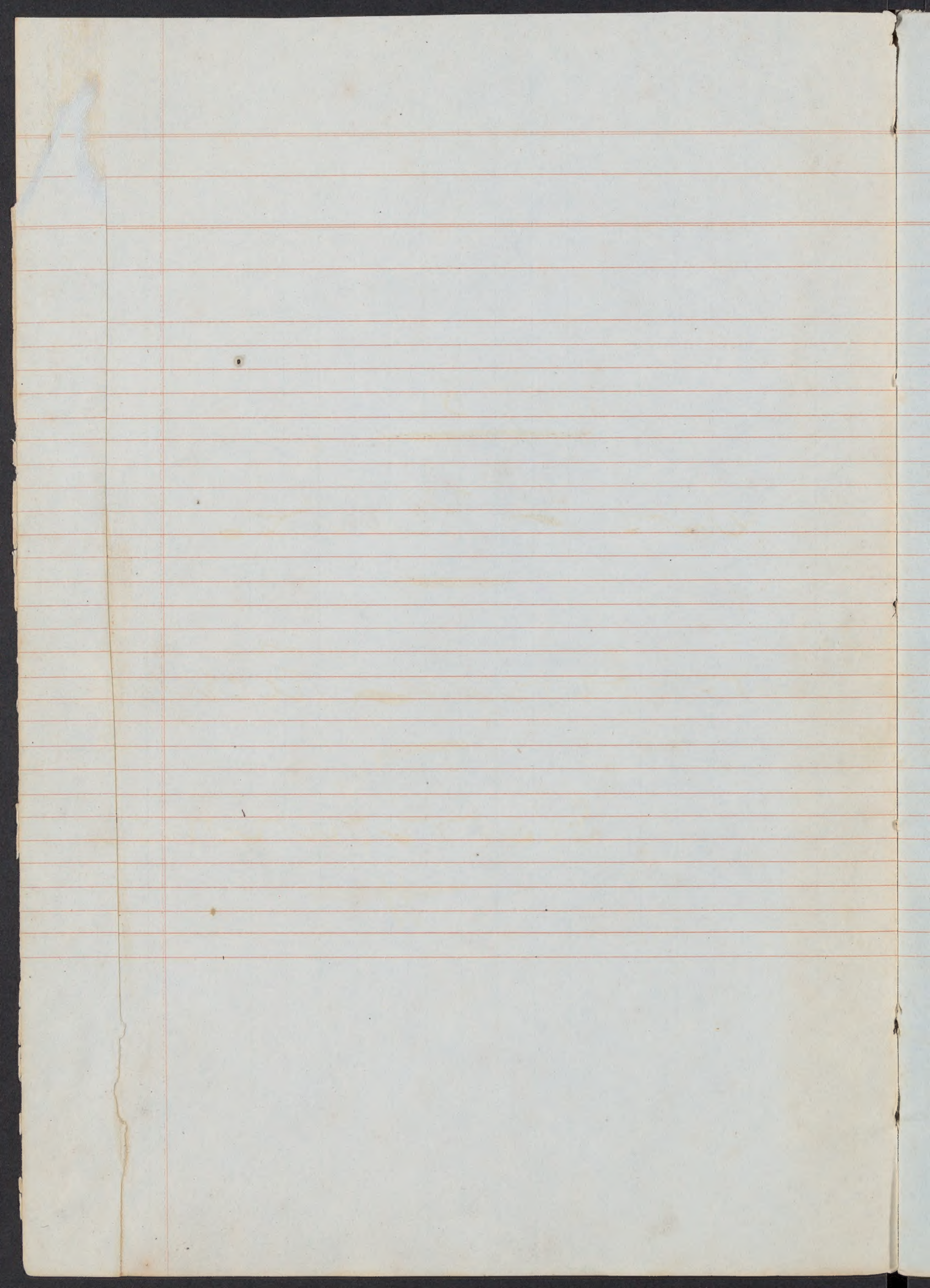
9.

350. *Pinus flexilis*

292.

3. *Madia elians.*

(4)



1876.

Lists of Plants.

Herbarium Receipts

✓
Distributions. —

—

Rothrock - July 30

Mrs. Young - July 11

S. Palmer - July 12 S. Utah

Dr. Rothrock - S. Colorado

1. *Acer glabrum*
2. *Juncus Americana*
3. *Ribes lacustre*, v. *serotum*.
4. " *leptanthum*
5. " *canadense*, var. (*R. wolffii*)
6. " *cerinum*
7. = 4
8. " ~~*oxyacanthoides*~~
~~*hirsutum*~~
9. = 5
10. " *aurum*
11. = 5
12. *Malvastrum coccineum*
13. *Sidalcea incana*
14. *Sidalcea malvaeflora*
- 15, 16. *Galium trifidum*
17. " *borale*
18. *Gymnophyton arifolium*
19. *Lonicera involucrata*
20. *Campanula Schrenkii*
21. *Eriogonum cernuum*
22. 1 " *Wrightii*
23. = 21
24. " *umbellatum*
25. " *flavum*, var.
- 26, 28 " *flavum*
27. " *pauciflorum*
- 29, 30. *Rumex*

1.

Dr. J. T. Rothrock's Collection
in 1875 in S. California,
on Dr. C. M. Wheeler's Expedition
Recd. Jan'y 30th

- | | |
|--|--|
| 1. | 41. |
| 2. | 42. |
| 3. <i>Thermopsis Californica</i> | 43. <i>Audubertia stachyoides</i> , Bth. |
| 4. | 44. |
| 5. | 45. = 84. <i>Heteromelus arbutifolia</i> . |
| 6. | 46. |
| 7. <i>Sandersonia rigidum</i> | 47. |
| 8. <i>Mesembryanthemum aquilaterale</i> , Haw. | 48. <i>Mitella rubra</i> (non mex.) |
| 9. | 49. |
| 10. <i>Opuntia Engelmanni</i> , var.? | 50. |
| 11. | 51. |
| 12. | 52. |
| 13. <i>Clarkia elegans</i> | 53. <i>Mimulus luteus</i> |
| 14. <i>Sidalcea humilis</i> | 54. |
| 15. = 222. <i>Menziesia albicaulis</i> , Dougl. | 55. = 96. <i>Frankenia grandiflora</i> . |
| 16. <i>Brassica nigra</i> | 56. |
| 17. <i>Cardamine Gambellii</i> - n. sp. | 57. |
| 18. <i>Oenothera cheiranthifolia</i> , v. <i>suffrutescens</i> . | 58. |
| 19. <i>Horkelia Californica</i> | 59. |
| 20. | 60. |
| 21. | 61. <i>Chenopodium album</i> |
| 22. <i>Rosa Californica</i> : 225. | 62. <i>Chorizanthe stachyoides</i> |
| 23. " | 63. <i>Polygonum aviculare</i> |
| 24. <i>Hesperis glabra</i> (scoparia) | 64. <i>Rumex conglomeratus</i> |
| 25. <i>Melilotus perfoliata</i> | 65. [<i>Medicago sativa</i> , ^{N. Mex.} 3] |
| 26. <i>Trifolium involucreatum</i> : 216, 237, 245, 300 | 66. |
| 27. <i>Lupinus arboreus</i> (497) | 67. |
| 28. <i>Lupinus Breweri</i> : 270, 391. | 68. |
| 29. | 69. |
| 30. } <i>Oenothera Californica</i> , Watson. | 70. |
| 31. | 71. |
| 32. = 370, 384. <i>Carum Gairdneri</i> , A. H. & H. | 72. |
| 33. <i>Chaenactis Douglasii</i> | 73. |
| 34. = 309. <i>Troximon glaucum</i> , var. | 74. <i>Rumex conglomeratus</i> (or 64?) |
| 35. <i>Troximon Chilense</i> | 75. <i>Heteromelus</i> |
| 36. | 76. |
| 37. <i>Bahia congestiflora</i> . | 77. |
| 38. | 78. |
| 39. <i>Centauria Milikensis</i> . | 79. |
| 40. <i>Abronia umbellata</i> | 80. |

2.

in. 5. 10. 15. 20. 25. 30. 35. 40. 45. 50. 55. 60. 65. 70. 75. 80. 85. 90. 95. 100. 105. 110. 115. 120. 125. 130. 135. 140. 145. 150. 155. 160. 165. 170. 175. 180. 185. 190. 195. 200. 205. 210. 215. 220. 225. 230. 235. 240. 245. 250. 255. 260. 265. 270. 275. 280. 285. 290. 295. 300. 305. 310. 315. 320. 325. 330. 335. 340. 345. 350. 355. 360. 365. 370. 375. 380. 385. 390. 395. 400. 405. 410. 415. 420. 425. 430. 435. 440. 445. 450. 455. 460. 465. 470. 475. 480. 485. 490. 495. 500. 505. 510. 515. 520. 525. 530. 535. 540. 545. 550. 555. 560. 565. 570. 575. 580. 585. 590. 595. 600. 605. 610. 615. 620. 625. 630. 635. 640. 645. 650. 655. 660. 665. 670. 675. 680. 685. 690. 695. 700. 705. 710. 715. 720. 725. 730. 735. 740. 745. 750. 755. 760. 765. 770. 775. 780. 785. 790. 795. 800. 805. 810. 815. 820. 825. 830. 835. 840. 845. 850. 855. 860. 865. 870. 875. 880. 885. 890. 895. 900. 905. 910. 915. 920. 925. 930. 935. 940. 945. 950. 955. 960. 965. 970. 975. 980. 985. 990. 995. 1000.

81.

82. *Encelia Californica*, Nutt.

83.

84.

85. = 45. *Heteromelis arbutifolia*.86. *Eschscholtzia Californica*.87. *Sarcobatus nemiculatus*

88.

89. ~~*Hosackia albigifolia*~~ [for *dup. arbutus*, 27.]90. *Lupinus nanus*

91.

92.

93.

94. *Anagallis arvensis*.

95.

96. = 55. *Frankenia grandiflora*.

97.

98.

99.

100. *Iris foliacea*?

1.

2. *Erythraea asperum*? [for *stellata*]3. [*Zygadenus elegans* - Ariz.]

4.

5.

6. *Salicornia ambigua*7. *Medicago denticulata* [for *allimacoma*]8. *Rhamnus Californica*, 226.9. *Lonicera involucrata*.

110.

11. *Thalictrum Fendleri*

12. = 126.

13. *Oreon gracilis*

14.

15.

16. *Ribes Menziesii*

17.

18. *Boykinia occidentalis*.

19.

20. *Malvastrum splendens*, Kill.?

21.

22.

23. *Eriogonum fasciculatum*

24.

25. *Helianthemum scoparium*.26. *Artemisia canescens* = 112. 23527. *Adenostoma fasciculata* = 177.

28.

29. *Lupinus affinis*.

130.

131. *Solanum xanti*.2. *Ceanothus spinosus*

3.

4.

5.

6.

7. *Audubertia grandiflora*.

8.

9.

140.

1. *Silene laciniata*

2.

3. = 217. *Epilobium coloratum*

4.

5.

6.

7.

8. *Calochortus Nuttallii*9. *Corydalis laxa*.

150.

1. *Eremocarpus arizonicus*2. *Crocea Crotica*.3. *Chenopodium album*4. *Lepigonium medium*.5. *Oenothera micrantha*, Hornem.6. [*Mimulus angustifolia*, form - Ariz.]7. *Allium incarnatum*8. *Boerhaavia longifolia*

9.

160. *Silene Gallica*.

1.

2. *Urtica holosericea*

3.

4. *Quercus agrifolia*

5.

6.

7.

8. *Chorizanthe thalicoides*9. = 415. *Zauschneria Californica*.

170.

1. *Sisyrinchium anceps*?2. *Psoralea macrostachya*

3.

4. *Datisca glomerata*5. *Amaranthus albus*6. *Isomeris arborescens*.7. = 127. *Adenostoma fasciculata*.8. *Hosackia Purshiana*. [for]9. *Eriogonum fasciculatum* [for]

180.

1. *Guthriea Euthamiae*.

2.

3.

4.

185

6. *Quercus dumosa*
7. *Salix*
8. *Nasturtium officinale*
9. *Trif. tridentatum*, var. *ulacanthum*
190. *Asclepias fascicularis*
1. *Euthrum album*, v. *linearifolium* (L. Californicum)
- 2.
- 3.
- 4.
- 5.
6. *Cercocarpus parvifolius*
7. *Allium Nuttallii*, Ariz.
8. *Quercus lobata*
9. *Eriogonum polyanthum*, v. *bahiae* forme
200. *Cortrogyne filaginifolia*, var.
1. *Eriogonum nudum*, v. *paniculatum*
2. *Eriogonum fasciculatum*, v. *psilifolium*
3. *Salvia columbiana*
- 4.
5. *Quercus conomensis*
6. = 209. *Lupinus albicanis*
- 7.
- 8.
9. = 206. *Lupinus albicanis* [Hab. *leucostachys*]
210. *Diosia caudolunoides*
- 1.
- 2.
3. *Procumbentia vaginatum*
4. *Pinus Sabiniana*
5. = 411. *Hosackia Torreyi*
6. = 26. *Trifolium involucreatum*
7. = 143. *Epilobium coloratum* = 237, 245, 300.
- 8.
9. *Eriogonum Baileyi*
220. *Eriogonum nudum*, v. *paniculatum*
- 1.
2. = 15. *Mentzelia albicanis*
- 3.
4. *Lupinus luteolus*, Kell.
5. = 346. *Gayophytum diffusum*
6. *Rhamnus Californica*, = 104.
- 7.
8. = 22, 23. *Rosa Californica*
9. *Clematis ligusticifolia*, v. *Californica*
- 230.
- 1.
- 2.
- 3.
- 4.
5. *Boissavalia densiflora*
- 6.
7. *Trifolium involucreatum* = 26, 216, 245, 300
8. *Sisyrinchium Arizonicum*, Rottb. n. sp.

239. *Aster Menziesii*240. *Sidalcea malvaeflora*1. *Hypericum Scouleri*2. *Epilobium paniculatum*3. *Potentilla gracilis*, v. *rigida*. [Arg. *eburnea*]

4.

5.

6. *Gnaphalium Sprongelii*7. *Achillea Millefolium*

8.

9.

250.

1. *Pinus Sabiniana* (?)

2.

3.

4.

5. *Chenopodium album*6. *Iva axillaris*

7.

8. *Asculus Californica*9. *Eriogonum virgatum*260. " *elatum*

1.

2. *Berula angustifolia*3. *Quercus Douglasii*4. *Agundo Californica*

5.

6. *Pinus flexilis*7. *Ribes cereum*

8.

9.

270. = 24, 391. *Lupinus Brew.*, var.

1.

2.

3. *Centrostegia Thurberi*4. *Euphorbia albomarginata*[5. *Amaranthus Wrightii*] W. & R.6. *Juncus Californica*

7.

8. *Fremontia Californica*9. *Geranium caespitosum*280. *Vitis Californica*1. *Mentzelia albicanis*, 744.

2.

3. *Aster aestivus*4. *Chenopodium album*

5. = 216.

6.

7.

8.

9. *Hosackia oblongifolia*, B. H.

290.

1. = 304. *Ranunc. acutifolius*, v. *tridactylus*

J. G. Lemmon - 1876

Sierra Co., Or.

Rec^d. Feb'y 5, 1876.

66. *Ranunculus Californicus*, Bth., common
67. *Delphinium decorum*, v. *nevadense*, W. - Sierra Vall.
68. *Thelypodium laciniatum* Endl. Phil's Lake, Lyman's Lake & Carson
69. *Dentaria tenella*, Pursh. - Butterfly Valley
1070. *Cleome platycarpa*, Torr. - Reno
1. *Thelyp. laciniatum*, var. ? till. or at Gray's Valley, but: from Spring Valley of Apr. 1876. Sierra Vall.
2. = 1068. Sierra & Apr. Lake.
3. *Cleomella parviflora*, Gray. - Reno
4. *Leridium wrightii*, Sierra Vall.
5. *Silene Lemmonii*, Watson. Sierra & within Lake Vall.
6. = 1077. - Indian, Big Meadows, & Amer. Valley, Plumas Co.
7. *Silene pectinata* Watson. Sierra Vall.
8. *Silene Douglasii*, form. Sierra & within Vall.
9. *Silene syallii*, Watson var. Lassen's & within's Peaks
110. *Arenaria congesta*, Nutt. Sierra Vall.
1. *Silene montana*, Watson. within Lake Vall.
2. *Silene occidentalis* Watson. Cascade Valley, near Lassen's Peaks
3. *Silene syallii*, Watson.
4. *Silene Douglasii*, form.
5. *Silene Douglasii*, form.
6. *Lupinus minimus*, Dougl.
7. *Astrag. Austiniae*, Gray. n. sp.
8. *Astrag. Mortonii*
9. *Astragalus Andersonii*, Gray.
90. *Astrag. Bolanderi*, Gray.
1. *Ribes lacustre*, var. *molle*, Gray.
2. *Ribes oxycanthoides*
3. *Fuchsia rubescens*, Torr.
4. *Sedum Rhodiola*
5. *Senanthe cernuosa*, Nutt. (new)
6. *Angelica Breweri*, Gray.
7. *Penicillium* - n. sp. ? P. Gay's
8. *Linusticum* ? - not determinable.
9. *Aralia Californica*, Watson
1100. *Aster integrifolius*, Nutt.
1. *Brickellia grandiflora*, v. *minor*.
2. *Senecanthus rigidus*
3. *Brachyactis grandis*
4. *Erigeron divergens*
5. *Erigeron nevadense*
6. *Solidago occidentalis*
7. *Brickellia macrophylla*
8. *Helianthus paniculatus*, var. near virginicus
9. *Bigelovia Howardii*, var. *nevadensis*
1110. *Bigelovia Douglasii*, var. *stenophylla*, Gray
1. *Helianthus Moomeri*, Gray.
2. *Aster Moomeri*, Gray.
3. *Aster Menziesii*, form
4. *Bigelovia arborescens*
5. *Erigeron Canadense*
6. *Aster (Macharanthra) canescens*
7. *Pyrethrum Pammenium*
8. *Gilia floccosa*
9. *Lesingia leptoclada*
1120. *Lycopodium spinosa*, v. *cladophylla*
1. *Stephanomeria exigua*
2. *Stephanomeria virgata*
3. *Lactuca Canadensis*
4. *Comandra pallida*
5. *Claytonia Nevadaensis*, n. sp.
6. *Veronica pergrina*
7. *Pentstemon gracilentus*
8. *Pentstemon Lemmonii*, Gray
9. *Thimulus muschatus*, var. bicolor
1130. *Thimulus Kingii*
9. *Thimulus occidentalis*, var. *Watsonii*, Gray.
1. *Madia glomerata*
2. *Gilia heterophylla*
3. " *intermixta*
4. " *microantha*
5. " *divaricata*
6. = 1134.
7. *Gentiana simplex* or *aurata* ?
8. " *calycosa*.
9. *Asarum canadense*, Lindl., var. *curtum*,
1140. *Alisma monolepis* pusilla
1. *Chenopodium Botrys*.
2. *Atriplex phytostegia* ?
3. *Eriogonum Plumabilla*
4. " *marifolium*, ~~var.~~
5. " *lobbii*
6. " *marifolium*, var.
7. " *microthecum*
8. " *wrightii*, var.
9. " *pyrolaeifolium*

1150. *Eriogonum caespitosum*

1. *Populus tremuloides*, Mx.
2. " *trichocarpa*

3. *Pinus flexilis*

4. *Quercus laevis*

5. " "

6. " *chrysolepis*

7. *Triticum violaceum*, var.?

8. *Spiranthes Romanzoviana*

9. *Aspidium angustum*

1160. *Eupatorium fragilis* *Phryopteris alpestris*

1. *Oen. Dubauti* = 1233.

2. *Gilia aurea*

3. *Lamarckia aurea*

4. *Polycarpon depressum*

5. *Actinolepis Wallacei*

6. "

7. *Gilia Palmeri*

8. "

9. "

1170.

1

2

3

4

5

6

7

8

9

1180. *Centrostegia Thurberi*

1

2

3

4

5

6. *Trifolium Lemmonii*

7. *Astragalus Lemmonii*

8. " *lentiginosus*

9. *Hulsea nana*, var. *Larsonii*

1190 = 1149.

1. *Ranunc. alismifolius*, v. *aliscuillus*

2. *Antirrhinum Kingii*

3. = 1073

4. *Gilia intertexta*

5. *Lophanthus ussuriifolius*

6. *Monolepis pusilla*, var. = 894.

7. *Delphinium simplex*, var.

8. *Calochortus Leichtlinii*

9. *Horkelia fusca* - abnorm. form

1201. *Polygonum Sheversonii*

1202. *Eriogonum - marifolium*

3. *Gilia congesta*

4. *Echinopodium diflexum*, var.?? = 734.

5. *Polygonum Torreyi*

6. *Atriplex* - too young.

7. *Mertensia dispersa*

8. *Erysimum asperum*

9. *Troximon panicum*

1210 *Polygonum coarctatum*

1 = 1097.

2. *Minulus rubellus*

3. " " var. *latiflorus*.

4. *Claytonia Caroliniana*, var.

5. *Claytonia triphylla*

6. *Horkelia fusca*

7. *Idium triphyllum*, form

8. *Ribes sanguineum*, var. *variegatum*

9. *Cnicus Andersonii*

1220 *Aonica foliosa*

1. *Aster adscendens*

2. *Sedum obtusatum*.

3. *Trifolium longipes* - low form.

4. *Abronia umbellata*

5. *Milla eximius*

6. *Othocarpus pilosus*

7. *Phlox pilosa*

8. *Gilia liniflora*, var.

9. *Pellaea Bridgessii*

1230. *Chailanthes gracillima*

1

2. *Gilia montana*

3. *Oen. Dubauti*, var. *grandiflora*

4. *Gilia dianthoides*

5. " *Palmeri* = 1167.

6. *Centrostegia leptoceras*

7. *Azolla Americana*

8. *Gilia condaefolia*

9. *Vesicaria montana*

1240. *Hemaccladia tubulatus*, n. sp.

1. *Gilia micromeria*

2. *Hulsea ~~torreyana~~ nana*, var. *Larsonii*

3. *Draba aurea*

4. *Cypripedium flexuosum*

5. *Luzula parviflora*

6. *Carex tunilla*

7. *Scirpus riparius*

8. *Carex Hoodii*

9.

1250.

1200. *Pentstemon Bournei* - form.

b.

1251

2

3

4

5

6 *Lepigonum medium*?

7 *Loeflingia squarrosa*

8. —

9. *Rama demissa*.

1260. *Eritrichium circumsissum*

1. *Elatine americana*.

2

3 *Arabis blanda*

4

5

6

7

8

9

1270 *Holophris occidentalis*

1 *Trigonum Lemmonii*

2 *Ranunculus Lemmonii*

3 " *holosericeus*

4

5 *Draba alpina*, var.

6 " " "

7

8 *Astragalus sustinatus*.

9

1280

1

2

3 *Juncus acuminatus*

4

5 *Asarum canadense*

6 *Lepidium Menziesii*

7 *Calandrinia Menziesii*

8

9 *Oenothera graciliflora*

1290

1

1 *Hosackia pauciflora*

2 *Hesperocallis tenella*

3 *Cardamine oligosperma*

4

5 + 5 1/2. *Claytonia exigua*

6

7

8

9 *Sphaerophora annulata*, Roth

1300

Rothrock - continued.

292.
3. *Madia elegans*.
4.
5. *Oenothera biennis*, v. *grandiflora*.
6.
7.
8.
9.
300. = 264. *Trifolium involueratum*
1.
2.
3.
4. = 291. *Ranunc. aquatilis*, v. *trichophyllum*.
5. *Lupinus confusus*, Kell.
6.
7. *Trifolium monanthum*
8.
9. = 24. *Troximon glaucum*, var.
310. *Stellaria longipes*.
1. *Sagina dimorpha*.
2.
3.
4.
5.
6.
7.
8.
9.
320.
1. *Aster pulchellus* (Rothrock thinks) - perhaps not sent.
2. *Castilleja obtusum*.
3.
4. *Potentilla Wheeleri*, n. sp.
5.
6.
7. *Horkelia purpurascens*, n. sp.
8. *Lupinus rivularis*.
9.
330. *Cercocarpus ledifolius*.
1. *Eriogonum spargulinum*
2. " *trichophyllum*
3.
4.
5. *Abronia canescens*
6.
7. *Juniperus occidentalis*?
8.
9.
340. *Abronia tuberculata*
1.
2.
3. *Abronia*
4. *Castanopsis chrysophylla*
5.

346. = 225. *Gayophytum diffusum*.
7.
8.
9.
350. *Pinus flexilis*
1.
2.
3.
4. *Ceanothus divaricatus*.
5. *Angelica lineariloba*
6. *Eriog. Abertianum*
7.
8.
9. *Mirabilis longistylis*
360. *Eupatorium occidentale*.
1. *Epilobium origanifolium* ^{Barbey}
2.
3.
4.
5. *Hypericum Scouleri*, Hk.
6.
7. *Callis*.
8.
9. *Sisymbrium incisum*.
370. = 22. 384. *Carum Gairdneri*.
1.
2.
3. *Aconitum Fischeri*
4. *Delphinium depauperatum*.
5.
6. *Potentilla glandulosa*, v. *heradensis*.
7.
8. *Potentilla glandulosa*
9. *Amaranthus Polaris* - ♂
380.
1.
2.
3. *Pinus contorta*
4. = 370.
5.
6.
7.
8.
9.
390. *Eriog. ...*
1. = 24. 270. *Lupinus Broweri*, var.
2.
3.
4. *Aster Andersonii*
5. *Veronica Californica*
6. *Aster astivus*
7.
8.
9.
400. *Epilobium obcordatum*
1.
2.
3.
4.
5. *Lupinus Andersonii* (?) var. (?)

406.
 7. *Lupinus Lyallii*, var. *Danans*.
 8. *Geranium Richardsonii*.
 9.

410.
 1. = 215. *Hosackia Torreyi*
 2.
 3. *Trif. monanthum*, Gray
 4.
 5. = 169. *Zauschneria Californica*.
 6.

7.
 8.
 9.

420.
 1.

2.
 3. *Libocedrus decurrens*

4.
 5.
 6. *Trif. tridentatum*, var. *multiforme*

7.
 8.
 9.

430. = 535. *Adenocaulon scopulorum*

1.
 2. *Trif. monanthum*, form (Arist.)

3.
 4.
 5.
 6.
 7.
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 9.

- 440.

1.
 2.
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 4.
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 9.

- 450.

1.
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 4.
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 7.

455.

9. = 312. *Polygala puberula*, Gray.
 460. *Onoseris Harknessii*, Bth.

1.

2.

3.

4. *Pellaea Wrightiana*

5.

6.

7. *Antholena sinuata*

8.

- " *drabacea*

9.

- Gymnogramme pedata*

470. *Sida filiformis*, Moench, var.
 (S. *Lewii*, Rottb.)

1.

2.

3. *Eriog. flavum*, *clavatum* = *pauciflorum*

4. *Erysimum asperum*, DC. var.

5.

6.

7.

8.

9.

480.

1. *Cheilanthes Lindheimeri*

2.

3.

4.

5.

6.

7.

8.

9.

490.

1.

2.

3.

4.

5.

6.

7.

8. *Clematis ligusticifolia*, v. *Calif.*?

9.

- Helia angustifolia* ?

500.

1.

2.

3. *Zauschneria Californica*

4. *Polygala puberula*

5.

6.

7.

8.

9.

510.

1.

2.

3. *Gymnogramme pedata*

4.

515.
6.
7.
8. *Linum perenne*
9.
520. *Gnaphalium nitida*, R. & H. n. sp.
1.
2. *Talinum patens*, Willd.
3.
4.
5.
6.
7.
8.
9.

530.
1.
2.
3. *Rhus glabra*
4.
5. = 430.
6.
7.
8. *Talinum aurantiacum*
9.

540.
1.
2.
3.
4.
5.
6.
7.
8.
9.

550.
1.
2.
3.
4.
5.
6.
7.
8.
9.

560.
1.
2. *Hibiscus dumosus*, var. *involucellatus*
3.
4.
5.
6.
7. *Clematis Drummondii*
8.
9. *Ageria pusilla*, var.

570.
1.
2. *Krassia perrifolia*
3.

574.
5.
6. *Gnaph. pedunculifera*, Engelm.
7.
8.
9.
580.
1. *Elaeagnus wrightii*
2.
3.
4.
5.
6.
7.
8.
9.

590.
1.
2.
3. *Eriog. wrightii*
4.
5.
6.
7.
8.
9.

600.
1.
2.
3.
4.
5.
6.
7.
8.
9.

610. *Thelypodium longistylum* (= *Strep. micranthum*)
1.
2. *Notoloma ferruginea*
3.
4.
5.
6.
7.
8.
9. *Drymaria effusa*, Gray.

620.
1.
2.
3.
4.
5.
6.
7.
8.
9.
630.
1.
2.
3.

634.

- 5.
- 6.
- 7.
- 8.
- 9.

640.

1. *Geranium carpatum*

- 2.
- 3.
- 4.
- 5.
- 6.

7. *Amoroxia Schiedana*, Gray

- 8.
- 9.

650

- 1.
- 2.
- 3.
- 4.
- 5.
- 6.
- 7.

8. *Crataegus biennis*, var. *hirsutissima*.

- 9.

660.

- 1.
- 2.
- 3.

4. *Eriogonum fasciculatum*, var.

5. *Sida filiformis*, Moench.

6. *Arada hastata*, Cav.

- 7.
- 8.

- 9.

10. *Polyg. angustifolia*, v. *Muhlbergii*

- 1.
- 2.

- 3.

4. *Pellaea flexuosa*

- 5.
- 6.
- 7.
- 8.
- 9.

680.

- 1.
- 2.
- 3.
- 4.
- 5.
- 6.

687.

8. *Polygonum hydropiper*

- 9.

690.

- 1.
- 2.
- 3.
- 4.
- 5.
- 6.

- 7.

8. *Angelica thymifolia* triloba DC.

- 9.

700.

- 1.

2. *Polyg. inornatum* nodosum

- 3.
- 4.

- 5.

6. *Sida sparsiflora*, n. sp.

- 7.

- 8.

- 9.

710. *Melilotus pariflora*, Desf.

- 1.

- 2.

- 3.

- 4.

- 5.

6. = 710.

- 7.

- 8.

- 9.

720.

- 1.

- 2.

- 3.

- 4.

- 5.

6. *Eriog. laxifolia*

- 7.

- 8.

- 9.

730.

- 1.

- 2.

- 3.

4. *Microstylis*, n. sp.

- 5.

- 6.

- 7.

- 8.

740.

- 1.

- 2.

- 3.

- 4.

- 5.

- 6.

9. *Goodenra Menziesii*

750 *Corallorhiza striata*?

1

2 *Spiranthes Romanzoffiana*

3

4

5

6

7

8. *Polyg. tenuis*, v. *laetifolium*.

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Dr. E. Palmer - 1876

Arizona & S. California

distributed by C. C. Parry

1. *Aquilegia* - *truncata* - S. L. Bispo.
2. *Delphinium* *depauvratum* - Cottonwood Cr. Ariz.
3. " *simplex* - Rock Spr.
4. " *cardinale* - Rock Springs
5. " = 3 - Clarks Creek.
6. *Ranunculus* *Californicus* - S. Luis Bispo
7. *Ranunculus* *Fischeri* - Camp Halleck
8. *Platystemon* *Californicus*
9. *Eschscholzia* *minutiflora* - Rock Spr.
10. *Campy* *candida* - Mojave R.
11. *Orydalis* *arrea*, v. *occidentalis* - Prescott
12. *Nasturtium* - *lyratum* - Leadworth
13. *Nasturtium* *affinide* - Walnut Grove
14. " *obovatum* - S. Luis Bispo
15. " *trifolium* - Ehrenburg
16. *Veronica* *Arizonica*, n. sp. - *uniflora* var.
17. *Lepidium* *promeritii* - *obovatum* - Moj. R.
18. " *flavum* - Mojave R.
19. " *wrightii* - Ehrenburg
20. *Sisymbrium* *canescens* - Williams Fork
21. " *reflexum* - Williams Fork
22. *Thelypodium* *incognitum* - Leadworth
23. *Arabis* *arcuata* - Prescott
24. *Streptanthus* *glandulosus* - S. L. Bispo
25. *Thelypodium* *Cooperi* - Mojave R.
26. *Tropidocarpum* *gracile* - Clarks Cr.
27. *Ceanothus* *bursa-pastoris* - Redwood
28. *Barbarea* *vulgaris* - Lone Mt.
29. " " - Prescott
30. *Cleome* *lanceolata* - Mojave R.
31. *Cleome* *lanceolata* - Leadworth
32. *Jonidium* *lineare* - Cottonwood.
33. *Thymus* *subulata* - Ehrenburg
34. *Polygala* *ambrosioides* - Cottonwood
35. *Krameria* *parvifolia* - Hardyville, Ariz.
36. " " - Cottonwood
37. *Franklinia* *grandiflora* - S. Simon Bay
38. *Cerastium* *rubrum* - Walnut Grove
39. *Stellaria* *media* - S. Simon Bay.
40. *Lepigonum* *macrothecum* - S. L. Bispo
41. *Trenaria* *Fendleri*, v. *glauca* - Moj. R. - *Alma*
42. *Silene* *antirrhina* - Prescott
43. " *virgata* - Lone Mt.
44. *Linum* *Baueri* - Lone Mt.
45. *Lewisia* *brachycalyx* - Prescott.
46. *Claytonia* *perfoliata* - Prescott.
47. *Hypericum* *Scofieldi* - Leadworth
48. " *anagalloides* - Clarks Cr.
49. *Malvastrum* *exile* - Cottonwood
50. " *Palmeri*, n. sp. - *Cambria*
51. " *humiflorum* - Cottonwood
52. *Linum* *mesanthemum* - Pine Mt.
53. *Erodium* *cicutarium* - Rock Spring
54. *Oxalis* *corniculata* - Prescott
55. " *Oregana* - Lone Mt.
56. *Geranium* *Richardsoni* - Halleck
57. *Phlox* *angustifolia* - Prescott.
58. *Phlox* *angustifolia* - Cottonwood, Ariz.
59. *Paeonia* *Californica* - Williams Fork
60. *Rhamnus* *crocea* - Moj. R.
61. *Rhus* *aromatica*, var. - Walnut Grove
62. *Vicia* *exigua* - Walnut Grove, Ariz.
63. *Lathyrus* *pulegius*, var. - Prescott.
64. *Vicia* *Americana* - Leadworth.
65. *Sophora* *Arizonica* - Cottonwood, Ariz.
66. *Dalea* *polyadenia* - Leadworth
67. " *mollis* - Ehrenburg
68. " *Parryi* - Hardyville, Ariz.
69. *Boralea* *macrostachya* - S. L. Bispo
70. *Trifolium* = 73.
71. " *tridactylum*, v. *humiflorum* - Lone Mt.
72. " *amplexans* - Lone Mt.
73. " *pauciflorum* - Mojave R.
74. " " - Leadworth
75. *Hosackia* *puberula* - Walnut Grove
76. " *strigosa* - Ehrenburg
77. " *Purshiana* - Mojave R.
78. " *maritima* - S. Simon Bay
79. " *juncea* - S. Luis Bispo
80. " *sericea* - Mojave R.
81. " *Thermannii* - Williams Fork
82. " *grandiflora* - Mojave R.
83. *Lupinus* *concinus* - Prescott
84. " *bracteatus* - Mojave R.
85. " *micranthus* - " "
86. " *concinus*, v. *Arizonicus* - *Leadworth*
87. " *Palmeri* ? - Prescott.
88. " *hispidissimus*, var. ? - Ehrenburg
89. " *albicaulis* + var. *Bridgmanii* - *Leadworth*
90. " *Chamissonis* - *Leadworth*

91. *Lupinus densiflorus* - S. L. Bispo.
 92. " *littoralis* - Clark's Creek
 93. " *sericeus* - Mojave R.
 94. " *affinis* - Cambra
 95. " *gracilis* - S. L. Bispo
 96. " = 86. - Mojave R.
 97. " *junellus* - Moj. R.
 98. " *laxiflorus* - Camp Halleck
 99. *Asragalus hypoglottis* - Halleck
 100. " *arizonicus* - Walnut Grove
 1. " = *triflorus* - " "
 2. " = 115. Prescott.
 101. " *triflorus humisotatus*
 4. " = 105. Rock Spring
 5. " *Missouriensis* - Cottonwood
 6. " = 105. " "
 7. " *atratus*, var. - Juniper Mts.
 8. " *lentiginosus*, Moj. R.
 9. " *Coulteri* - Moj. R.
 110. " *leucophyllus* - John, Cal.
 1. " *Menziesii* - S. Simon Bay
 2. " *pinus* - Halleck
 3. " *Mortoni* "
 4. " *Anthallianus* - Walnut Grove
 5. " *Shottianus* - Cottonwood.
 6. *Cassia arabata* - Moj. R.
 7. *Prosopis juliflora* - Hardyville
 8. *Spiraea dumosa* - S. L. Bispo
 9. *Falcatia paradoxa* - Cottonwood
 120. *Androschium alveticum* - Clark's Cr.
 1. " " Prescott.
 2. *Erionema flexicaule* - Rock Spr.
 3. *Horkelia Californica* - Clark's Cr.
 4. *Hardyana pinusum* - Clark's Cr.
 5. *Boykinia occidentalis* - Redwoods
 6. *Fimbraria capricola* - Cottonwood
 7. *River cereum* - Walnut Grove
 8. " *laupinense* - S. L. Bispo
 9. *Lythrum alatum* - v. *linearifolium* - Spring
 130. *Epilobium paniculatum* - Pine Mts.
 1. *Gnaphalium ramosissimum* - Halleck
 2. *Gaura coccinea* - Cottonwood, Ariz.
 3. *Oenothera caespitosa* - Walnut Grove
 4. " *albicaulis* R. - Moj. R.
 5. " *gaurae flora* - Hardyville
 6. " *dentata* - Mojave R.
 7. " *longipes* - Hardyville
 8. " *scapoides* - Ehrenburg.
 9. " *bistorta* - Moj. R.
 140. " *micrantha* - Clark's Cr.
 1. *Guthriea tinella* - Mojave R.
 2. " *abscens*, var. X McInnis
 143. *Guthriea tinella* - McInnis
 4. *Guthriea tinella* - Clark's Creek
 5. *Bristowia globella* - S. L. Bispo?
 6. *Bristowia densiflora* - S. L. Bispo.
 7. *Clarkia elegans* - S. L. Bispo.
 8. *Zauschneria californica* - S. L. Bispo
 9. *Eubotrys californicus* - Moj. R.
 150. *Petalonyx thurberi* - Moj. R.
 1. *Mentzelia albicaulis* X Williams Fork
 2. *Mentzelia laevicaulis* - Redwood
 3. *Megarrhiza* — ? Walnut Grove, Ariz.
 4. *Arabis californica* - S. Lucia Mts.
 5. *Eryngium pectidatum*, var. *arabum* - S. L. O.
 6. *Coronaria Gairdneri* - Pine Mt.
 7. *Cymophora montana*, var. *purpurea* - Prescott, Ar.
 8. *Pendulum macrocarpum* "
 9. " *villosum* - Juniper Mts.
 160. *Eryngium macrocarpum* - Pine Mt.
 1. " " S. L. O.
 2. *Lonicera involucrata* - Cambra
 3. *Galium californicum* - R. Spr.
 4. " *Blandieri* - Moj. R.
 5. " *Aporosa* - Cottonwood Creek, Ar.
 6. *Valeriana sylvatica* - Prescott.
 7. *Phacelia macrocarpa* - "
 8. *Brickellia lineariflora* - Moj. R.
 9. *Baccharis cornulenta* - Williams Fork
 170. " *Douglasii*, fitch.
 1. " " male - Spring
 2. " " "
 3. *Carpophycus junceus* - Hardyville
 4. *Eriogonum tinellum*, or aff. *Cambra*
 5. *Diplopappus ericoides*, var. - Walnut Grove
 6. *Aster totiflorus* - Moj. R.
 7. *Eriogonum totiflorum*, var. *eranthoides* - 1159, Clark's Cr.
 8. *Aster falcatus*, v. - Halleck
 9. " *laxifolius*, var. ? - Badsworth
 180. " *Chamissonis*, var. ? - Halleck
 1. " *elegans* - "
 2. " *canescens* - "
 3. " *radulinus* - Pine Mt.
 4. *Eriogonum divergens*, v. *cinnamomum* ? - Moj. R.
 5. " *phileadelphicum* - "
 6. " *divergens*, *cinnamomum* - Prescott
 7. " *concinnum* - Cottonwood
 8. " *glaberrimum* - S. Simon Bay
 9. *Salidago quinquefolia* ? - Badsworth
 190. " *occidentalis* - "
 1. " *californica* - Spring
 2. *Dryas prophyllodes* - Hardyville
 3. *Prophyllum asporium* - "
 4. *Dryas Cooperi* - Moj. R.
 5. *Nicotiana occidentalis* - "

Dr. E. Palmer

- 196 } *Lesqueria* *Germanorum* } - *McQuinn*
1. *Hemizonia ramosissima* - Redwood.
7. *Bigelovia aquosa* - Redwood.
8. *Menziesii* - S. Simon Bay
9. *Allophaps lanceifolius* - Moj. R.
10. *limariifolius* - Cottonwood.
11. *Lesqueria Germanorum* - Clark's Crk
2. *Allophaps paniculatus* - Rock sp.
3. *"* *suppuratus* - C. Halleck.
4. *Chrysopsis sessiliflora*, v. *edwardsii* - *McQuinn*
5. *Chaenactis calophyllina* - Hardyville
6. *"* *sterioides* - Moj. R.
7. *"* *lunosa* - Dpt. spec? - Moj. R.

8. *"* *Douglasii* - Cobalt Mt.
9. *Macrantha* - Cottonwood.
210. *Hymenopappus luteus* - "
1. *Palafolia linearifolia*, rough. - Williams Fork
2. *Colethogyne pinnatifolia* - Santa Cruz
3. *"* - S. Simon Bay
4. *"* - Redwood
5. *Baeria chrysostoma* - Dwarf. - S. Simon Bay.
6. *"* *gracilis* - Clark's Crk.
7. *Leptosyne nutberryi* - Moj. R.
8. *Peripyle Emoryi* - v. *runda* - Williams Fork
9. *Acanthopappus sphaerophyllus* - Moj. R.
220. *Baileya pleniradiata* - Agency
1. *Actinolepis mulicaulis* - Clark's Cr.
2. *Eremiastrom bellidoides* - Williams Fork.
3. *Syrtrochopappus Fremonti* - Moj. R.
4. *Actinolepis Walcottii* - Cottonwood
5. *Baeria confertiflora* - Pine Mt.
6. *"* *atenuisefolia* - Cambra
7. *"* - 225. very spec. - Moj. R.
8. *Hymenoclea salata* - Resore
9. *Trichophilium incisum* - Hardyville

230. *Penthyron amma* - Williams Fork
1. *Actinella odorata* - Agency
2. *Cobalt* - *cruciatifolia* - S. Simon Bay
3. *Andriaria discoides* - S. L. Obispo
4. *"* - Redwood
5. *Hemizonia juncea* - Moj. R.
6. *dogophylla ramosissima* - S. L. Obispo
7. *Hemizonia corymbosa* - Clark's Cr.
8. *Madia stricta* - "
9. *Layia glandulosa*, v. *rosea* - "
240. *Hemizonia juncea* - "
1. *"* *argulataefolia* - S. L. Obispo.
2. *Madia elegans* - *McQuinn*
3. *Hemizonia Douglasii* - S. Simon Bay
4. *Madia* - 242 - Pine Mt.
5. *Hemizonia virgata* - Colton
6. *"* *Fitchii* - Colton.
7. *"* *truncata* - Redwood
8. *Grindelia robusta*, S. Simon Bay
9. *"* *"* var. (?) *rigida* - S. Luis Obispo

250. *ymensis* *enclitoides* - S. Luis Obispo
1. *Medea formosa* - Williams Fork
2. *Helenium autumnale* - Clark's Crk. filij
3. *Isa axillaris* - Moj. R.
4. *Eremiastrom bellidoides* - Shrinberg
5. *Monopilon bellidiforme* - Moj. R.
6. *Tetradymia spinosa* - "
7. *"* *comosa* - S. Bernardino.
8. *Bigelovia Douglasii*, v. *ciliolata* - Wadsworth, Nev.
9. *Bigelovia* *"* *"*, *angustifolia* - "
260. *"* *"* *"* - S. Luis Obispo. (Clark's Cr.)

1. *Tetradymia canescens*, v. *inermis* - "
2. *Franseria dumosa* - Hardyville, Ariz.
3. *Arnica discoides* - Pine Mt.
4. *Senecio lugens*, var. - Prescott.
5. *"* *hydrophilus* - S. Luis Obispo (Clark's Cr.)
6. *Xanthium spinosum* - S. Simon Bay
7. *Cnicus Californicus*? - "
8. *"* *occidentalis* - *McQuinn*
9. *"* *neo-Mexicanus*? - Rock Spr.
270. *Antennaria documentoides* - Spring.
1. *"* - S. Simon Bay
2. *"* *ludoviciana*, var. *Cambra*
3. *"* - Springs
4. *"* *"* var. S. L. Ob. "
5. *"* *"* *"* "
6. *"* *"* *"* "
7. *Gnaphalium Spranglei* - Cambra
8. *"* *"* *"* "
9. *Antennaria margaritacea* - "
280. *Gnaphalium ramosissimum* - S. L. Ob.
1. *"* *microcephalum* - *McQuinn*
2. *"* *ramosissimum* - "
3. *"* *purpureum* - Cambra.
4. *"* *palustre* - Moj. R.
5. *Antennaria dioica* - Prescott.
6. *Gnaph. palustre* - S. L. Obispo
7. *"* *"* *"* "
8. *Anisocoma acaula* - Moj. R.
9. *Troximon apocynoides* - S. L. Obispo

290. *Microseris Bigelovii* - Cambra
1. *Stephanomeria Thurbertii* - Moj. R.
2. *Calyceusis Parryi* - Cottonwood
3. *Rafinesquia Neomexicana* - Agency
4. *Lygodium excisa* - Hardyville, Ariz.
5. *Stephanomeria minor* - "
6. *Hieracium Scouteri* - Pine Mt.
7. *Stephanomeria paniculata* - Redwood
8. *Lygodium spinosa* - Halleck
9. *Lactuca pulchella* - Wadsworth
300. *Remadastris ramosissimum* - "
1. *Arctostaphylos Uva-ursi* - Halleck

302. *Arctostaphylos glauca* - S. Bernardino
 3. *Arctostaphylos Menziesii* - Pine Mt.
 4. *Phytolisma annaria* - S. Diego
 5. *Amelia vulgaris*, v. *Calif.* - S. Simon Bay
 6. *Plantago Virginica*, v. *maxima* - Clarke Cr.
 7. " *major* - S. Luis Obispo
 8. " *lanceolata* - Mc Ginnis
 9. " *Patagonica* - Ehrenburg
 310. *Anagallis arvensis* - S. Luis Obispo
 311. *Pedicularis cuneiflora* - Prescott.
 2. *Castilleja parviflora* - Walnut Grove
 3. *Orthocarpus lasiochrysdus*, n. sp. Moj. R.
 4. " *densiflorus* - Clarke Cr.
 5. " *luteus*, v. *tingens* - Hallack.
 6. *Cordylanthus ramosus* - "
 7. " *filifolius*, v. *cinnam.*
 8. *Collinsia barkmanifolia* - S. L. Obispo
 9. " *parviflora* - Prescott.
 320. *Veronica purpurea* - Walnut Grove
 1. *Antirrhinum Coulteri* - Moj. R.
 2. *Minuartia Fremontii*, var. *o. M. Palmeri*, n. sp. Moj. R.
 3. " *floribundus* - "
 4. " *filiformis* - Moj. R.
 5. " *bradsworthii* - "
 6. " *luteus* - Moj. R.
 7. " = 323 - Moj. R.
 8. *Pentstemon breviflorus* - Springs.
 9. " *heterophyllus* - Mc Ginnis
 330. " *confertus* - Hallack
 1. " *Palmeri* - Cottonwood
 2. " *Eatonii* - Rock Spring
 3. " *spectabilis* - Cottonwood
 4. " *antirrhinoides* - "
 5. " *ambiguus* - "
 6. *Mohavea viscid.* - Ehrenburg
 7. *Aphyllon Lindaviciannum* - Indian
 8. " *californicum* - Redwood
 9. *Verbena ciliata* - White var. - R. Spring
 340. " *serotina* - Mc Ginnis
 1. " *ciliata* - Ehrenburg
 2. " *bracteata* - S. L. Obispo
 3. " *bracteata* - S. L. Obispo
 3. *Lycopus lucidus* - v. *Americanus* - Bradworth.
 4. *Senecioium Cubense* - Williams Fork
 5. *Salazaria Mexicana* - Moj. R.
 6. *Salvia cordnaca* - "
 7. *Lophanthus whittifolius* - Hallack &
 8. *Miconia Douglasii* - Clarke Cr.
 9. *Trichostema lanceolatum* - Mc Ginnis
 350. *Pogogyne Douglasii* - S. L. Obispo
 1. " *S. Simon Bay*
 2. *Sphaella calycina* - S. L. Obispo
 3. *Mentha bonalis* - Bradworth
 4. " *bonalis* - "
 355. = 353
 6. *Stachys Chamissonii* - Clarke Cr.
 7. *Androschisma grandiflora* - S. L. Obispo
 8. " *incana* - Rock sp.
 9. *Monardella Palmeri*, n. sp. - Redwood
 360. } " *villosa* - Clarke Cr.
 1. } " *Pine Mt.*
 2. " *undulata* - Clarke Cr.
 3. " *lanceolata* - Moj. R.
 4. " *leucophylla* - "
 5. *Stachys pygmaea*, var. - Pine Mt.
 6. " *albans* - Mc Ginnis
 7. " *pygmaea* - Pine Mt.
 8. " *ajacoides* - S. Luis Obispo
 9. " *bullata*, var. *Coulteri* - "
 370. *Amsinckia intermedia* - S. Simon Bay
 1. *Eritrichium micranthum* - Agency
 2. " *circumscissum* - Cottonwood
 3. } " *liocarpum?* - Ehrenburg
 4. *Echinopsium Redowskii* - "
 5. *Lithospermum longifolium* - Willow Grove
 6. *Eritrichium oxycarpum* - Williams Fork
 7. " *fulgens*, n. sp. - Ehrenburg
 8. *Coldenia nuttallii* - Moj. R.
 9. *Metastasia Sibinica* - Hallack
 380. " *setosa* - "
 1. *Pectocarya hispida*, n. sp. - Moj. R.
 2. " *funicillata* - Williams Fork
 3. *Phacelia grisea*, n. sp. - Pine Mt.
 4. " *circinata* - Mc Ginnis
 5. " *ramosissima* - Cottonwood
 6. " *ciliata?* - Ehrenburg
 7. " *tanacetifolia* - v. *tennifolia* - Agency
 8. " *brachyloba* - "
 9. " *curvis, v. stricta* - Moj. R.
 390. *Erigeron grandiflora* - Pine Mt.
 1. *Phlox longifolia* - Cottonwood
 2. *Collinsia grandiflora* - Walnut Grove
 3. *Bixa inconspicua* - "
 4. *Collinsia pilosida* - Pine Mt.
 5. *Bixa inconspicua* - v. *glutinsca* - Cottonwood
 6. " *liniflora*, v. *pharmacoides* - Moj. R.
 7. " *Californica* - "
 8. " *tenniflora* - "
 9. " *achilleaefolia* - "
 400. " *Patersonia Parryae* - "
 1. " *androsacea* - "
 2. " *tenniflora* - "
 3. " *artosissim* - Hardyville
 4. " *Schottii* - Moj. R. + Cottonwood
 5. " *filifolia* - "
 6. " *floresca* - "
 7. " *argata* or *floresca* - Moj. R.
 8. " *argata* or *floresca* - Moj. R.
 9. " *argata* or *floresca* - Moj. R.
 410. " *argata* or *floresca* - Moj. R.

- 411 *Erlia multicaulis* - Moj. R.
2. " *lutescens*
3. " *densiflora* - McGinnis
4. *Fraxinus* *niotai* at *forica*? - ~~Walnut Grove~~
5. *Erlia densiflora* - Clark's Creek
6. *Convolvulus luteolus* - Moj. R.
7. " *longipes* - McGinnis
8. " *californicus* - Cambra
9. *Lycium* - 426. - Rock Spring
9. " *pallidum* - Walnut Grove
420. " *Cooperi* - Moj. R.
1. " *Andersonii* - Williams Fork
2. " } *gracilipes*, fr. n. sp. "
3. " } "
4. " *Zorreri* "
5. " *Berlandieri*? - Hardyville
6. " *Andersonii*, Wright? - Elsenburg
7. *Solanum umbelliform* - Cottonwood
8. } " *Xanthi* - McGinnis
9. } " *Clarki* - Clark's Creek
430. *Phrydis hydrifolia* - Rock Spring
1. " *ovalifolia* - Elsenburg
2. *Nicotiana bigelovii* - Moj. R.
3. " *ipomopsis*? - Williams Fork
4. " *attenuata* - Moj. R.
5. *Thurbergia* *linearis* - Moj. R.
6. = 439. McGinnis
7. *Hedysarum vestita* - Moj. R.
8. " *eriosperma* - S. Bernardino
9. " *fascicularis* - Moj. R.
440. *Adiantum Watsonii* - Hardyville
1. *Philipstia* *linearis* - "
2. *Gentiana affinis* - Halleck
3. *Grythosia Humboldtii* - McGinnis Moj. R.
4. " *Souleyi* - McGinnis
5. *Chenopodium album* - Wadsworth
6. *Atriplex Californica* - S. Simon Bay
7. *Blitum Californicum* - Moj. R.
8. *Chenopodium leptophyllum* - Moj. R.
9. *Atriplex hymenophylla* - Williams Fork
450. *Atriplex Nuttallii* - Rock Spr.
1. *Grazia polygylloids* - Rock Spr.
2. *Kochia Americana* - Wadsworth
3. *Morolepis chenopodioides* - Halleck
4. *Atriplex pusilla* - Camp Halleck
5. *Chenopodium ambrosioides* - Cambra
6. *Munja* *californica* - ~~Walnut Grove~~
7. " *californica* - Wadsworth
8. *Gomphrena globosa* - Walnut Grove
9. *Rumex maritimus* - S. L. Obispo
460. *Rumex pulcher* & *crispus* - Cambra
1. " *salicifolius* - ~~Idon~~
2. *Polygonum aviculare* - Camp Halleck
3. " *tenue* - "
4. *Chorizanthe* *strobilata* - S. L. Obispo
5. " *californica* - Clark's Cr.
6. " *unicolorata* - McGinnis
7. *Pentstemon ramosissimus* - Clark's Cr.

465. *Chorizanthe perfoliata* - Moj. R.
9. " *brevicornis* - "
" *Watsoni* - "
470. *Oxytheca perfoliata* - "
1. *Viburnum polytachya* - "
2. *Centrostegia Thunbergii* - Moj. R.
3. "
4. *Eriogonum microthecum* - Halleck
5. " *Baileyi* - Wadsworth
6. " *inflatum* - Cottonwood
7. " *Mojavense* n. sp. - Moj. R.
8. " = 475. "
9. " *Baileyi*, yellow fl. - "
480. " } *angulosum* - "
1. " } "
2. " *pusillum* - "
3. " *Thomasii* - Hardyville
4. " *virginicum*? - "
5. " *pusillum*, v. *angulosum* - Moj. R.
6. " *deflexum* - Moj. R.
7. " = 477. "
8. " = 482. - Rock Spr.
9. " *fasciculatum* - Spring
490. " } *Clarki* - Clark's Cr.
1. " } *gracilifolium* - Cambra
2. " } *Redwood*
3. " *latifolium* - S. Simon Bay
4. " *gracile* - Idon
5. " = 484. - Cottonwood
6. " *virgatum* - McGinnis
7. " = 475. "
8. " = 480. "
9. " *medium* - "
500. " = 486. - Wadsworth
1. " = 479. - Moj. R.
2. " *Plumetella* - "
3. *Modaphum Californica* - S. L. Obispo
4. *Cornandra pallida* - Cottonwood
5. *Acanthobium vaginatum* - "
6. *Phoradendron Calif.* - Hardyville
7. *Stellaria setylobifolia* - Wadsworth
8. *Euphorbia polycarpa* - McGinnis
9. " = 513? *pedunculata* - Prescott
510. " *subulata* - Walnut Grove
1. " *schizoloba* - Cottonwood
2. " *subulata* n. sp. = 511. - Prescott
3. " *albomarginata* - Rock Spr.
4. " *schizoloba* - Williams Fork
5. " *hispidifolia* - "
6. " *polygonifolia* - Elsenburg
7. *Stillingia* *pauciflora* - Moj. R.
8. *Tragia nepetariifolia* - Rock Spring
9. *Argyroxanthia* *abrupta*? - Williams Fork
520. *Mitralis multiflora* - Rock Spr.
1. *Abronia umbellata* - McGinnis
2. *Morus parvifolia* - Prescott
3. *Amelans repens*? - Walnut Grove
4. *Ephedra trifurca* - Agency
5. " *antirrhynifolia* v. *judanifolia* - Moj. R.
" var. *plumbicarpa* - Rock Spr.
5 1/2. *Sagittaria variabilis* - Halleck

- Dr. E. Palmer - 1876.
526. *Calochortus* ~~hillebrandii~~ ^{Palmeri} - Rock Spr. - Moj. R. = C. Kennedy & Palmer
 527. " ^{Palmeri} - Moj. R.
 8. *Brodiaea grandiflora* - "
 9. *Milla capitata*, v. *pauciflora* - Prescott.
 530. *Mooenia aurea* - Moj. R.
 1. *Milla longipes* ^{S. L.} sp. - Pine Mt. = Br. *exilis*
 2. *Allium Bickelii* - Walnut Grove
 3. *Cyperus inflexus* - Camp Halluck
 4. *Hordeum pratense* - Cottonwood. *Elymus* *Silene*
 5. *Bromus brevistylis*, var. ? - Walnut Grove.
 6. *Koeberia cristata* - Rock Spr.
 7. *Aristida purpurea* - "
 8. *Brizopyrum apiculatum*, var. - S. Luis Obispo
 9. *Muhlenbergia Delilei* - Ehrenburg
 540. ~~*Gastridium*~~ *australe* - S. Luis Obispo
 1. *Festuca tenuella* - Williams Fork.
 2. *Aristida bromoides* - "
 3. *Bouteloua aristoides* - Ehrenburg
 4. *Pilea depauperata* - Camp Halluck
 5. *Sida danthonioides* - Moj. R.
 6. *Bromus viridis* ? - "
 7. *Eriocoma cuspidata* - Rock Spr.
 8. *Sporobolus cryptandrus* - Ehrenburg
 9. *Adiantum Capillus-Veneris* - Redwoods
 550. *Gymnogramme triangularis* - S. L. Obispo
 1. *Pellaea densa* - Redwoods
 2. *Cheilanthes Fendleri* - ~~Cabot Mt.~~ Rock Spr.
 - ~~Cabot Mt.~~
 - ~~Prescott.~~
 4. *Modiola scopulina* - Prescott.
 5. *Atholana Parryi* - Hardyville
 6. *Gymnogramme hispida* - Prescott.
 7. *Adiantum pedatum* - Redwoods
 8. *Aspidium argutum* - Pine Mt.
 9. " *minutum* - Cambra.
 560.

Localities & Dates.

- Ehrenburg - on the Colorado, Arizona - Mar. 4.
 Williams Fork - its junction with the Colorado - Mar. 11.
 Agency - Mojave Reservation, between last localities
 Wickenburg, Arizona - Apr. 15.
 Prescott, Arizona - Apr. 20.
 Walnut Grove, Arizona - Apr. 24.
 Cottonwood Cr. - Arizona, 75 m. west of Prescott - May 4.
 Hardyville, Arizona - May 5.
 Rock Spring, S. E. California - May 14.
 Mojave River, " - May 20 to June 8.
 S. Luis Obispo, California - June 26
 Clarks Creek (Hollands Ranch) - 10 m. from S. Luis Obispo & 4 from Moss Bay - July 2
 McQuinn's Farm - Head of Salinas, 25 m. N. E. of S. L. Obispo - July 10.
 Cambra, California - a mile from seaboard ~~at Monterey~~ ^{at Monterey} - July 17.
 Pine Mt. - opposite S. Simon Bay - July 22
 San Simon Bay - July 22.
 Springs (Paso Robles Sp.) - 30 m. N. of Cambra - July 24.
 John, California, Monterey Co. - ~~30 m. N. of~~ July 31.
 Redwoods, S. Lucia Mts. - Aug. 2.
 Madsworth, Nevada - Aug. 20.
 Camp Halluck, Nevada - Aug. 26.

Cabot Mt. Pass - about 35 m. E. of Hardyville - May 6.

Juniper Mt. - about 30 m. W. of Prescott - Aug. 23

S. Bernardino, Calif. - June 10.

Santa Cruz - July 24.

Long Mountain, near San Francisco - June.

A. = Colorado valley
B. = Wickenburg, Ariz. - &c.
C. = Prescott, Ariz.

560. *Crossosoma Bigelovii* - B.
1.
2. "*Echscholtzia Douglasii*"
3. *Nasturtium palustre* - A.
4. *Arabis armata* - B.
5. *Draba* ^{asymmetra, Emery} (or probably *Vesicaria* - C.)
6. "*Miscella viridigeni*"
7. *Thysanocarpus curvipes* - B.
8. " same, var. *elegans* - B.
9. *Lepidium Wrightii* - A.
570. *Vesicaria angustifolia* - B.)
1. "*Thlaspi alpestris*"
2. *Viola Canadensis* - C.
3. " *cucullata* - C.
4. *Calyptridium monandrum* - B.
5. *Fouquieria splendens* - B.
6. *Malvastrum rotundifolium* - A.
7. *Sphaeralcea Emoryi* - B.
8. *Thamnosma montanum* - B.
9. *Zygophyllum lycioides*, var. *pubescens* - B.
580. *Forstiera Mexicana*, var. *Arizonica* - C.
581. *Lupinus* ~~*canadensis*~~ *Arizonicus* -
2. " *viridissimus*, var. ? - A.
3. *Trifolium gracilentum* - B.
4. " *Macraei* - B.
5. "*Horackia subpinnata*" or "*embryonatus*"
6. " *rigida*
7. "*Astragalus Nuttallianus*"
8. *Astragalus alboch* - n. sp.
9. " *not determined* - B.
590. *Calliandra Rhamnosidea* - B.
1. *Astragalus Arizonicus* - B.
2. *Rumex fasciculata* - B.
3. *Robustilla Mexicana* - A.
4. *Oenothera strigulosa* - A.
5. " *caespitosa* - B.
6. " *trichocalyx* - B.
7. " *Poluneri*, n. sp.
8. *Montydia* ^{triflorus, n. sp.} ~~*triflorus*~~
9. *Bouleria lobata* - B.
600. *Sarcocolla pusillus* - B.
1. *Townsendia* - not named - C.
2. *Stylocline micropoides* - B.
3. *Psilocarpos organae* - B.
4. "*Actinolepis bacosa*" - ^{Stylocline micropoides}
5. *Layia glandulosa* - B.
6. *Aplopappus Coulteri* - B.
7. *Encelia* ^{virginica flexuosa, Greene} ~~*pubescens*~~ *radiata* - B.
8. *Melanopodium cinereum* - B.
9.
610. *Brickellia Coulteri* - B.
611. *Franseria eriocentra* - B.
2. " *deltoidea* - B.
3. *Linaphalium Sprenglii* - A.
4. *Senecio multicaulis* - B.
5. *Malacothrix Calif.*, var. *globata* - B.
6. *Galium multiflorum* - B.
7. *Androsace applanata* - C.
8. *Collomia gracilis* - C.
9. *Gilia demissa* ? - B.
620. " *dichotoma* - B.
1. " *aurica* - B.
2. *Phacelia Louisiana* - B.
3. " *bicolor* - B.
4. " *micrantha* - B.
5. " *crenulata* - B.
6. " " - B.
7. *Ranunculus hispidus* - A.
7 1/2. *Eritrichium (muciculatum)* - B.
7. " *pterotheca*, v. *pectinatum* - B.
8. " *fulvum* - B.
9. " " - B.
630. *Physalis lobata* - B.
1 1/2. "*Physalis perfoliata*"
1 1/2. "*Mimulus rubellus* - C.
2. " " - A.
3. *Pentstemon centranthoides* - B.
4. *Othocarpus purpureus* - B.
5. *Collinsia parviflora* - C.
6. "*Salvia Columbianae*"
7. *Verbena ciliata* - B.
8. *Rumex* ~~*triflorus*~~ - A.
9. *Eriog. Thomasii* - A.
640. "*Thlaspi Douglasii*"
641. *Chorizanthe rigida* - A.
2. " *corrugata* - A.
3. "*Paristaria debilis*"
4. "*Mimobasis Californica*"
5. *Juniperus Californica*, var. - B.
6. *Hieracium boreale* - C.
7. *Poa annua* - B.
8. " *brevifolia* - B.
9. *Pellaea Wrightiana* - B.

Also duplicate numbers -
147. *Eriogon Douglasii* - B.
216. *Baeria tenuissima* - A.
407. *Gilia florosa* ? - B.
372. *Erit. circumscissum* - B.
377. *Collinsia Patmeri* - A.
521. *Abronia villosa* - A.
Actinolepis chytrospora - A.
Sphaeralcea Emoryi, var. -
Astrag. dispensus, n. sp. - B.
cyaneus ?
226. *Actinolepis multicaulis*, v. *paupera* -

Perry & Semmon

S. California, 1876.

Checked and revised (2) times in summer

1. Clematis pauciflora
2. " lasiantha
- + 3. Paeonia pauciflora Brounei
4. Crossosoma Beyerleii
5. Delphinium varicatum
6. " decorum
7. " "
8. Cordamine pauciseta
9. Tropidocarpum gracile
10. Arabis ornata
11. Streptanthus flavescens?
12. ^{11/2} Miscubella californica
13. Thysanocarpus cuneatus
14. " laciniatus
15. " pusillus
16. = 13.
- + 17. Isomeris arborea
- + 18. Dendromecon rigidum
- + 19. Platystigma californicum
20. Dicentra chrysantha
1. Helianthemum scoparium
2. Viola chrysantha
- + 3. " pedunculata
4. Armeria Douglasii
5. Polycarpon depressum
6. Leptogonum macrothum & medium
7. Loeflingia agriomorpha
8. Achyromischia Cooperi
9. Calandrinia Nevadaensis
30. Morbia fontana
1. Claytonia linearis
2. Calyptrocline rosea
3. ^{marginatum} Thlaspi Thubeni + Munroii
4. " "
5. Sphaeralcea Emoryi
6. Fremontia californica
- + 7. Larrea mexicana
8. Mammosoma montanum
- + 9. Aca macrophyllum
40. Zizyphus Perryi
1. Rhamnus crocea
- + 2. Rhus integrifolia
- + 3. " laurina
- + 4. " aromatica
- + 5. Schinus molle
6. Ceanothus crassifolius
7. " "
8. " "
9. " hirsutus
50. " divaricatus

51. Ceanothus cuneatus
2. " integrifolius
3. " divaricatus
4. Lupinus Chamissonis
5. " rivularis
6. " albicaulis
7. " affinis
8. " "
9. " Breweri
60. " micranthus
1. " Arizonicus
2. " spissiflorus
3. " hirsutissimus
4. " concinnus
5. " densiflorus
6. Trifolium gracilentum
7. " involucratum
8. " tridactylum
9. " Macraei
70. " microcephalum
1. " ciliatum
2. Horackia crassifolia
- + 3. " labra
4. " Purshiana
- + 5. " striosa
6. " Moritzia
7. " decumbens
8. " angustifolia
9. " " var.?
80. " grandiflora
1. " micrantha
2. " subpinnata + maritima
- + 3. Psoralea obiculata
- + 4. " macrostachya
- + 5. Salvia Emoryi
6. " californica
7. Astragalus Coulteri
8. " tricornatus
- + 9. " oocarpus
90. " didymocarpus
- + 1. " luteo-juncos
2. " ~~scutellarioides~~ ^{scutellarioides}
- + 3. " Thompsonae
4. " Cordalana
- + 5. " Parryi
6. " oocarpus
7. Amorpha californica
8. Lathyrus vestitus
- + 9. Cercocarpus ledifolius
100. Potentilla Wheeleri

- 22-
101. *Rubus ursinus*
2. *Horkelia Californica*
3. " " var. *cuneata* (H. Blandii, var.)
4. *Lesia unguiculata*
+ 5. *Adenostoma sparsifolium*
+ 6. " *fasciculatum*
+ 7. *Heteromelis orbiculata*
+ 7 1/2 *Prunus*
8. *Prunus subcordata*
+ 9. *Alchemilla arvensis*
+ 10. *Boykinia occidentalis*
+ 11. *Tellima*
+ 12. *Saxifraga virginiana*
+ 13. *Hemlock pilosissima*
+ 14. *Ribes*
+ 15. " *sanguineum*
+ 16. *Tillaea minima*
17. *Sedum spathulifolium*
18. *Echinospermum fornosum*
19. " *laxa*
120. *Lythrum alatum*
1. } *Eriogonum coloratum*
2. }
+ 3. *Eriogonum Californicum*
4. *Orthocentrus Californicum*
5. " *trichocalyx*
6. " *bistorta*, var. *Vitchiana*
7. " *+ micrantha*
8. 7 1/2 " *bistorta*
9. " *dubata*, var. *grandiflora*
130. " *trigulosa*
1. *Caryophytum racemosum*
+ 2. *Oc. scapoides*
3. " *cardiophylla*
4. *Cratichia epilobioides*
5. " *quadriculmra*
6. *Clarkia rhomboides*
7. *Menyanthes dispersa*
8. " *triantha*
9. 4 1/2 " *micrantha?*
+ 9 *Gahnia glomerata*
140. *Sanicula purpurea*
1. " *bipinnatifida*
+ 2. " *tuberosa*
3. [" *maritima*]
4. *Apriastum angustifolium*
+ 5. *Gaultheria microcarpa*
6. *Gaultheria pusilla*
7. *Osmorhiza brachypoda*
8. *Cymopterus*
9. *Dracopis arguta*, var. 748.
9. *Pseudanemone utriculata*
150. *Cornus Nuttallii*
1. *Lonicera hispidula*
2. *Galium Nuttallii*
3. 4 " *angustifolium*
4. 4 1/2 " " var.
+ 5. *Plectritis macrocarpa*
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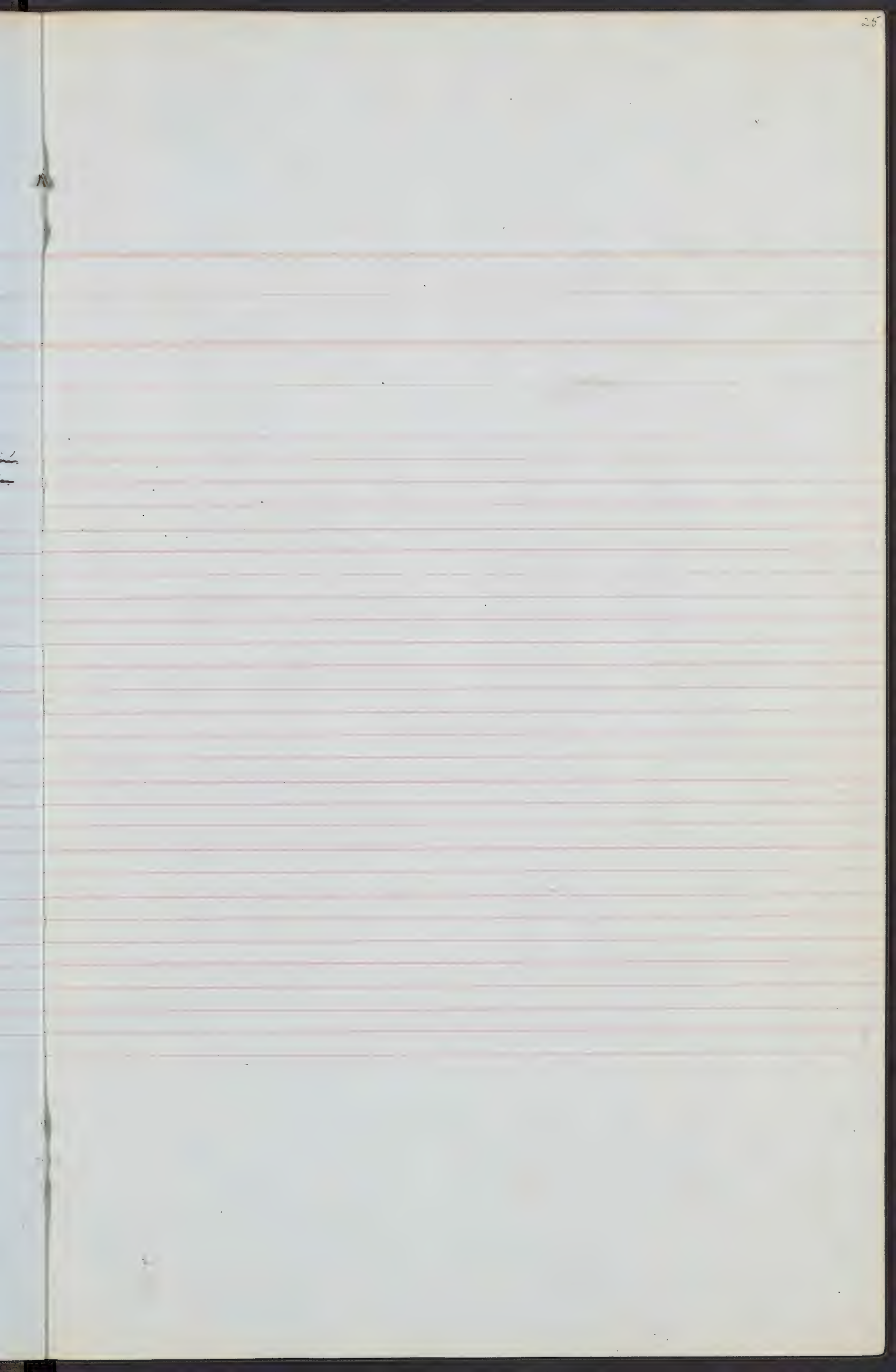
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- 7. *Leptolena*
- 8. *Minutus Palmeri*, n. sp.
- 9. *Fremontii*
- 310. *brevis*
- 1. *glutinosus*
- 2. *umbellus*
- 3. *"*
- 4. *"*
- 5. *Castilleja parviflora*
- 6. *" foliolosa*
- 7. *Orthocarpus purpureus*
- 8. *" lasiothyridus*
- 9. *Cordylanthus tenuis*
- 320. *" filifolius*, var.
- 1. *Pedicularis semibarbata*
- 2. *Aphyllon uniflorum*
- 3. *" Ludovicianum*
- 4. *Brachnickia strobilacea*
- 5. *Beloperon Californica*
- 6. *Hyphs Eurogi*
- 7. *Pycnanthemum Californicum*
- 8. *Monardella macrantha*
- 9. *" odoratissima*
- 330. *" hypoleuca*, n. sp.
- 1. *" lanceolata*
- 2. *Salvia cardiaca*
- 3. *Audubonia stachyoides*
- 4. *" polystachya*
- 5. *" reivers*
- 6. *" canescens*, var.
- 7. *Scutellaria angustifolia*
- 8. *" tuberosa*
- 9. *Stachys alba*
- 340. *Nichostema micranthum*
- 1. *" lanatum*, Benth.
- 2. *Verbena polystachya*
- 3. *Oreodaphne Californica*
- 4. *" Absonia asneria*
- 5. *" latifolia*
- 6. *" umbellata*
- 7. *" villosa*
- 8. *"*
- 9. *Nairobilis Californica*

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350. *Triplex*.
+ 1. *Chenopodium*
- 2. *Crozieria polycoloris*
3. *Monolepis chenopodioides*
4. *Hesperomide tenella*
+ 5. "*Urlica divice*"
6. *Eriogonum Thunbergii*
7. " *pusilla*
8. " *Thunbergii*
9. " *gracile*
360. " *Wrightii*
1. " *saxatile*, n. sp.
2. " *stomatium*
3. " *fasciculatum*
4. " *gracile*
5. *Phorostegia drymonia*
6. *Oxytheca trilobata*
7. *Centrostegia lipoceras*
8. *Chorizanthe Xanthii*, n. sp.
9. " *staticoides*
370. " *Parryi*, n. sp.
1. 370 1/2 " *Californica*
2. *Lastarrina Chilensis*
3. *Rumex conglomeratus*
4. *Phoradendron juniperinum*, var.
5. *Simmondsia Calif.*
6.
7.
8. *Euphorbia*
9. " *petaloides* ?
380. " *micromeris*
1. *Croton*
2. *Stices grandis*
3. *Libocedrus decurrens*
4. *Habenaria elegans*
5. *Isis longipetala*
6. *Lilium Humboldtii*
7. "
8. *Calochortus splendens*
9. " *luteus*
390. *Allium* — ?
1. *Yucca Whipplei*
2. *Mormonia aurea*
+ 3. *Millia* ~~sp.~~
4. *Prodraca capitata*
+ 5. *Carex*
+ 6. 1/2 " "
7. "
8. *Eleocharis* — ?
9. *Scirpus pungens*
400. *Gramineae*.
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2. *Stipa* ~~sp.~~
3.
+ 4. *Polypodium Californicum*
+ 5. *Cheilanthes Fendleri*
6. " *Clevelandii*
7. " *Cooperi*
8. *Notholaena Parryi*
9. " *candida*
430. " *Muhlenbergii*
1. *Gymnogramma triquetra*
+ 2. *Pellaea andromedaefolia*
3. " *ornithopus*
+ 4. *Woodwardia radicans*
+ 5. *Aspidium munifolium*
+ 6. " *argutum*
7. *Adiantum Chilense*



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94. <i>Hebe</i> <i>nivea</i> var. <i>nivea</i> HBK.	146. <i>Port.</i> <i>Camphorospha</i> HBK.
95. " <i>nivea</i> STG.	147. <i>Rosa Calif.</i> <i>ultramarina</i> G.
96. <i>Parrotia</i> <i>indica</i> B.	148. <i>Zollinia</i> <i>terrestris</i> HBK.
97. " <i>modiolensis</i> var. <i>sp.</i> B.	149. " <i>Hemichama</i> <i>repens</i> B.
98. " <i>modiolensis</i> var. <i>sp.</i> B.	150. " <i>parvifolia</i> HBK. B.V.
99. " <i>modiolensis</i> STG.	151. <i>Philadelphus</i> <i>micranthus</i> B.
100. " <i>modiolensis</i> var. <i>sp.</i> B.	152. <i>Pistia</i> <i>canon</i> HBK.
101. <i>Asperula</i> <i>amphioxys</i> var. <i>sp.</i> B.	153. <i>Sedum</i> <i>detritum</i> B.
102. " <i>amphioxys</i> var. <i>sp.</i> B.	154. " <i>Epithymum</i> <i>apiculatum</i> B.
103. " <i>amphioxys</i> var. <i>sp.</i> B.	155. " <i>amphioxys</i> var. <i>sp.</i> B.
104. " <i>amphioxys</i> var. <i>sp.</i> B.	156. " <i>amphioxys</i> var. <i>sp.</i> B.
105. " <i>amphioxys</i> var. <i>sp.</i> B.	157. <i>Galium</i> <i>parviflorum</i> HBK.
106. " <i>amphioxys</i> var. <i>sp.</i> B.	158. <i>Geranium</i> <i>canadense</i> STG.
107. " <i>amphioxys</i> var. <i>sp.</i> B.	159. <i>Pen.</i> <i>trichoman</i> B.K.
108. " <i>amphioxys</i> var. <i>sp.</i> B.	160. " <i>altissima</i> STG.
109. " <i>amphioxys</i> var. <i>sp.</i> B.	161. " <i>altissima</i> HBK.
110. " <i>amphioxys</i> var. <i>sp.</i> B.	162. " <i>ambigua</i> var. <i>sp.</i> STG.
111. " <i>amphioxys</i> var. <i>sp.</i> B.	163. " <i>altissima</i> var. <i>sp.</i> STG.
112. " <i>amphioxys</i> var. <i>sp.</i> B.	164. " <i>altissima</i> var. <i>sp.</i> STG.
113. " <i>amphioxys</i> var. <i>sp.</i> B.	165. " <i>altissima</i> var. <i>sp.</i> B.K.
114. " <i>amphioxys</i> var. <i>sp.</i> B.	166. " <i>altissima</i> var. <i>sp.</i> STG.
115. " <i>amphioxys</i> var. <i>sp.</i> B.	167. " <i>altissima</i> var. <i>sp.</i> STG.
116. " <i>amphioxys</i> var. <i>sp.</i> B.	168. " <i>altissima</i> var. <i>sp.</i> STG.
117. " <i>amphioxys</i> var. <i>sp.</i> B.	169. " <i>altissima</i> var. <i>sp.</i> STG.
118. " <i>amphioxys</i> var. <i>sp.</i> B.	170. " <i>altissima</i> var. <i>sp.</i> STG.
119. " <i>amphioxys</i> var. <i>sp.</i> B.	171. " <i>altissima</i> var. <i>sp.</i> STG.
120. " <i>amphioxys</i> var. <i>sp.</i> B.	172. " <i>altissima</i> var. <i>sp.</i> STG.
121. " <i>amphioxys</i> var. <i>sp.</i> B.	173. " <i>altissima</i> var. <i>sp.</i> STG.
122. " <i>amphioxys</i> var. <i>sp.</i> B.	174. " <i>altissima</i> var. <i>sp.</i> STG.
123. " <i>amphioxys</i> var. <i>sp.</i> B.	175. " <i>altissima</i> var. <i>sp.</i> STG.
124. " <i>amphioxys</i> var. <i>sp.</i> B.	176. " <i>altissima</i> var. <i>sp.</i> STG.
125. " <i>amphioxys</i> var. <i>sp.</i> B.	177. " <i>altissima</i> var. <i>sp.</i> STG.
126. " <i>amphioxys</i> var. <i>sp.</i> B.	178. " <i>altissima</i> var. <i>sp.</i> STG.
127. " <i>amphioxys</i> var. <i>sp.</i> B.	179. " <i>altissima</i> var. <i>sp.</i> STG.
128. " <i>amphioxys</i> var. <i>sp.</i> B.	180. " <i>altissima</i> var. <i>sp.</i> STG.
129. " <i>amphioxys</i> var. <i>sp.</i> B.	181. " <i>altissima</i> var. <i>sp.</i> STG.
130. " <i>amphioxys</i> var. <i>sp.</i> B.	182. " <i>altissima</i> var. <i>sp.</i> STG.
131. " <i>amphioxys</i> var. <i>sp.</i> B.	183. " <i>altissima</i> var. <i>sp.</i> STG.
132. " <i>amphioxys</i> var. <i>sp.</i> B.	184. " <i>altissima</i> var. <i>sp.</i> STG.
133. " <i>amphioxys</i> var. <i>sp.</i> B.	185. " <i>altissima</i> var. <i>sp.</i> STG.
134. " <i>amphioxys</i> var. <i>sp.</i> B.	186. " <i>altissima</i> var. <i>sp.</i> STG.
135. " <i>amphioxys</i> var. <i>sp.</i> B.	187. " <i>altissima</i> var. <i>sp.</i> STG.
136. " <i>amphioxys</i> var. <i>sp.</i> B.	188. " <i>altissima</i> var. <i>sp.</i> STG.
137. " <i>amphioxys</i> var. <i>sp.</i> B.	189. " <i>altissima</i> var. <i>sp.</i> STG.
138. " <i>amphioxys</i> var. <i>sp.</i> B.	190. " <i>altissima</i> var. <i>sp.</i> STG.
139. " <i>amphioxys</i> var. <i>sp.</i> B.	191. " <i>altissima</i> var. <i>sp.</i> STG.
140. " <i>amphioxys</i> var. <i>sp.</i> B.	192. " <i>altissima</i> var. <i>sp.</i> STG.
141. " <i>amphioxys</i> var. <i>sp.</i> B.	193. " <i>altissima</i> var. <i>sp.</i> STG.
142. " <i>amphioxys</i> var. <i>sp.</i> B.	194. " <i>altissima</i> var. <i>sp.</i> STG.
143. " <i>amphioxys</i> var. <i>sp.</i> B.	195. " <i>altissima</i> var. <i>sp.</i> STG.
144. " <i>amphioxys</i> var. <i>sp.</i> B.	196. " <i>altissima</i> var. <i>sp.</i> STG.
145. " <i>amphioxys</i> var. <i>sp.</i> B.	197. " <i>altissima</i> var. <i>sp.</i> STG.

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194. <i>Euthamia</i> <i>altissima</i>	B.	245. <i>Gymnoschoenus</i> <i>multicaulis</i>	B.
195. <i>Solidago</i> <i>penicillata</i> , Nutt.	"	246. <i>Ruellia</i> <i>lupulina</i> , Nutt.	B.
196. <i>Asplenium</i> <i>platyneuron</i>	BD	247. " "	Tr
197. " <i>Asplenium</i> <i>sphaerophyllum</i> "	Stg. +	248. <i>Asplenium</i> <i>multicaule</i>	Stg.
198. <i>Asplenium</i> <i>platyneuron</i>	"	249. <i>Asplenium</i> <i>platyneuron</i>	"
199. <i>Laphania</i> <i>Palmeri</i> , n. sp.	BD	250. <i>Astragalus</i> <i>halimifolius</i> <i>tenax</i> , Gr.	"
200. <i>Chrysopsis</i> <i>essilifolia</i> , Nutt. x	"	250 1/2. <i>Syntherisma</i> <i>truncatum</i> + some 249.	" +
201. <i>Aphragmus</i> <i>linearifolius</i> x	"	251. " <i>Palmeri</i> <i>Horkneri</i> "	"
201 1/2. " <i>gracilis</i> , Gray	"	252. " <i>Chamaecrista</i> <i>Douglasii</i> "	Wk. x
202. " <i>arvensis</i>	RC	253. " " <i>caroliniana</i> "	" x
203. <i>Hypochaeris</i> <i>nanus</i> , Eat.	BD.	254. " " <i>stenocaulis</i> "	" x
204. <i>Ternstroemia</i> ?	Tr	255. <i>Gentiana</i> <i>pinnatifida</i> <i>p. integrifolia</i>	"
205. <i>Galium</i> <i>Canadense</i> ?	B.	256 1/2. " "	BD
206. " <i>Vilca-cama</i> , <i>V. multicaulis</i>	"	257. " <i>acutis</i>	Wk
207. <i>Aster</i> <i>spinosus</i>	BD	258. " <i>pinnatifida</i>	Tr
208. " <i>terrestris</i>	x Stg.	259. <i>Astragalus</i> <i>acutis</i>	Tr
209. " <i>arvensis</i> , var. <i>A. albertus</i>	B.	260. " <i>bicolor</i> , var.	"
210. " <i>terrestris</i>	x Stg.	261. " <i>Richardsonii</i>	RC
211. " <i>terrestris</i>	Stg.	262. " <i>Schizanthus</i> <i>multicaulis</i> "	RC
212. <i>Solidago</i> <i>virgata</i> , L.	"	263. " <i>Ternstroemia</i> <i>spinosus</i> "	Stg.
213. " <i>virgata</i> , Gray	"	264. " " <i>glabrata</i> "	RC
214. " <i>virgata</i> , Nutt.	"	265. " <i>Psathyria</i> <i>ramosissima</i> "	Stg.
215. <i>Scirpus</i> <i>capillaris</i> , Nutt.	RC	266. " "	"
216. <i>Scirpus</i> <i>capillaris</i>	BD.	267. <i>Senecio</i> <i>Douglasii</i> , var.	BV
217. " <i>Douglasii</i> , T. & G.	x Tr	268 1/2. " <i>auratus</i> , <i>V. croceus</i>	"
218. " " <i>var. virens</i> "	"	269. " <i>Douglasii</i>	RC
219. " " "	"	270. " <i>virgata</i>	"
220. " <i>arvensis</i> , var.	"	271. " <i>Hymenocallis</i> <i>tenifolia</i> ?	Stg.
221. " <i>arvensis</i> , var.	"	272. " " <i>lutea</i> "	Wk.
222. " <i>arvensis</i> , var.	"	273. <i>Thalictrum</i> <i>spinosum</i>	"
223. " <i>arvensis</i> , var.	"	274. " <i>montanum</i>	RC
224. <i>Stachys</i> <i>microphylla</i>	"	275. " <i>Michauxianum</i>	Wk.
225. " <i>californica</i> "	RC	276. " <i>virgata</i>	B.
226. " <i>arvensis</i> <i>Schizanthus</i> "	Wk.	277. <i>Troximon</i> <i>auratus</i>	"
227. " <i>arvensis</i>	Wk.	278. <i>Malva</i> <i>altissima</i>	BD
228. " " <i>var.</i>	Tr.	279. " <i>californica</i> , <i>V. glabrata</i>	Stg.
229. " <i>arvensis</i> <i>microphylla</i>	RC	280. " <i>concolor</i>	"
230. " <i>arvensis</i> <i>microphylla</i>	Stg.	281. " "	Wk.
231. " <i>arvensis</i> <i>microphylla</i>	B.	282. " <i>platyphylla</i>	BD
232. " <i>arvensis</i> <i>microphylla</i>	"	283. " <i>platyphylla</i>	"
233. " <i>arvensis</i> <i>microphylla</i>	BD x	284. <i>Calycotome</i> <i>virgata</i> <i>Perryi</i>	"
234. " <i>arvensis</i> <i>microphylla</i>	Stg.	285. <i>Rubus</i> <i>californicus</i>	Wk.
235. " <i>arvensis</i> <i>microphylla</i>	BD	286. " <i>californicus</i>	BD
236. <i>Halsamianthus</i> <i>Horkneri</i>	Stg.	287. <i>Stachys</i> <i>microphylla</i> <i>exigua</i> , var.	Wk.
237. " <i>californicus</i>	BD.	288. " <i>microphylla</i>	"
238. " <i>californicus</i>	Stg.	289. <i>Hypochaeris</i> <i>microphylla</i>	"
239. " <i>californicus</i>	BD	290. " <i>microphylla</i> <i>glauca</i>	Tr
240. (<i>californicus</i>) <i>Veronica</i> <i>microphylla</i>	Stg.	291. " <i>microphylla</i> <i>glauca</i>	"
241. (<i>californicus</i>) <i>Veronica</i> <i>microphylla</i>	Stg.	292. " <i>microphylla</i> <i>glauca</i>	"
242. (<i>californicus</i>) <i>Veronica</i> <i>microphylla</i>	Stg.	293. " <i>microphylla</i> <i>glauca</i>	"
243. (<i>californicus</i>) <i>Veronica</i> <i>microphylla</i>	Stg.	294. " <i>microphylla</i> <i>glauca</i>	"
244. (<i>californicus</i>) <i>Veronica</i> <i>microphylla</i>	Stg.	295. " <i>microphylla</i> <i>glauca</i>	"
245. (<i>californicus</i>) <i>Veronica</i> <i>microphylla</i>	Stg.	296. " <i>microphylla</i> <i>glauca</i>	"

394. <i>Salvia columbiana</i>	SH,	443. <i>Euphorbia frutescens</i>	Mudgy
395. <i>Androsace incana</i>	MK	444. " "	MK
396. <i>Lophanthus urticifolius</i>	B	445. " <i>abundans</i>	SH
397. <i>Meibomia piperita</i>	BL	446. <i>Comandra pallida</i>	"
398. <i>Meibomia piperita</i>	SH	447. " <i>anensis</i> <i>Caliper</i>	"
399. <i>Salicornia mexicana</i>	"	448. <i>Salicornia antipathica</i>	"
400. <i>Salicornia pectinata</i>	"	449. " <i>frutescens</i>	"
401. <i>Veronica</i>	"	450. <i>Calceolaria pycnantha</i>	"
402. <i>Selinocarpus diffusus</i>	"	451. " <i>frutescens</i>	Tr
403. " <i>abundans</i> <i>fragrans</i>	"	452. " <i>frutescens</i>	Tr
404. " <i>villana</i>	"	453. <i>Althaea</i>	B
404 1/2. " <i>maria</i> , n. sp.	B.	454. " <i>aristatum</i> , n. sp.	SH
405. " <i>cylindrica</i>	Mudgy	455. " <i>frutescens</i>	B.
406. <i>Chrys. frutescens</i> , v. <i>incana</i>	SH.	456. " <i>frutescens</i>	SH
407. " " <i>frutescens</i>	"	457. <i>Triglochin</i>	RC
407 1/2 = 406		458. <i>Zygadenus</i>	MK
408. <i>Monolop. Chrys. frutescens</i>	M.	459. <i>Zygadenus</i>	B.
409. " "		460. " <i>frutescens</i>	RC
410. " <i>frutescens</i>	B.	461. " <i>frutescens</i>	B.
411. " <i>frutescens</i>	"	462. " <i>frutescens</i>	SH
412. " <i>frutescens</i>	MK	463. " <i>frutescens</i>	B.
412 1/2. " <i>frutescens</i>	"	464. " <i>frutescens</i>	B.
413. " <i>frutescens</i>	SH	465. " <i>frutescens</i>	B.
414. " <i>frutescens</i>	"	466. " <i>frutescens</i>	B.
415. " <i>frutescens</i>	B.	467. " <i>frutescens</i>	B.
416. " <i>frutescens</i>	"	468. " <i>frutescens</i>	B.
417. " <i>frutescens</i>	B.	469. " <i>frutescens</i>	B.
418. " <i>frutescens</i>	B.	470. " <i>frutescens</i>	B.
419. " <i>frutescens</i>	B.	471. " <i>frutescens</i>	B.
420. " <i>frutescens</i>	B.	472. " <i>frutescens</i>	B.
421. " <i>frutescens</i>	B.	473. " <i>frutescens</i>	B.
422. " <i>frutescens</i>	B.	474. " <i>frutescens</i>	B.
423. " <i>frutescens</i>	B.	475. " <i>frutescens</i>	B.
424. " <i>frutescens</i>	B.	476. " <i>frutescens</i>	B.
425. " <i>frutescens</i>	B.	477. " <i>frutescens</i>	B.
426. " <i>frutescens</i>	B.	478. " <i>frutescens</i>	B.
427. " <i>frutescens</i>	B.	479. " <i>frutescens</i>	B.
428. " <i>frutescens</i>	B.	480. " <i>frutescens</i>	B.
429. " <i>frutescens</i>	B.	481. " <i>frutescens</i>	B.
430. " <i>frutescens</i>	B.	482. " <i>frutescens</i>	B.
431. " <i>frutescens</i>	B.	483. " <i>frutescens</i>	B.
431 1/2. " <i>frutescens</i>	B.	484. " <i>frutescens</i>	B.
432. " <i>frutescens</i>	B.	485. " <i>frutescens</i>	B.
433. " <i>frutescens</i>	B.	486. " <i>frutescens</i>	B.
434. " <i>frutescens</i>	B.	487. " <i>frutescens</i>	B.
435. " <i>frutescens</i>	B.	488. " <i>frutescens</i>	B.
436. " <i>frutescens</i>	B.	489. " <i>frutescens</i>	B.
437. " <i>frutescens</i>	B.	490. " <i>frutescens</i>	B.
438. " <i>frutescens</i>	B.	491. " <i>frutescens</i>	B.
439. " <i>frutescens</i>	B.	492. " <i>frutescens</i>	B.
440. " <i>frutescens</i>	B.	493. " <i>frutescens</i>	B.
441. " <i>frutescens</i>	B.	494. " <i>frutescens</i>	B.
442. " <i>frutescens</i>	B.	495. " <i>frutescens</i>	B.

496. *Artemisia frigida* Nutt.
 497. " *Pellaea longimanus* Ste.
 498. *Chileanum longimanus* Ste.
 499. *Asplenium* *Parryi* Ste.
 500. " *longimanus* Ste.
 501. " *occidentale* Tr.
 502. *Asplenium* *filix femina* B.

Localities.

- W.K. = Washack Pass, 20 mi. S. of St. George, in Ariz.
 Nutt. = 100 mi. S. of St. George = Apr. 12, 1881 = St. Thomas, Ariz.
 B.D. = Beaver Dam, 45 mi. S. of St. George, in Ariz.
 St. G. = St. George
 Tr. = Tremblak, 60 mi. S. of St. George, in Ariz.
 M.M. = Mountain Meadows, 50 mi. S. of St. George, in Ariz.
 B. = George City & vicinity, Utah
 R.C. = Red Cross - Paria, Ariz.
 B.V. = Beaver Valley, near Red Cross, Utah.

[illegible][illegible]

Specimens named for Marcus E. Jones -
 - his Utah collection - as per letter of Oct. 6/179

350. *Anemone multifida*
 349. *Aquilegia caerulea*
 356. *Draba alpina*, L.
 432. *Brassica vulgaris*,
 117. *Sisymbrium irio*
 194. } *Nasturtium obtusum*
 352. }
 372. *Silene Menziesii*
 263. *Arenaria verna*, var.
 363. " *verna*
 362. *Sagina dimorpha*, P.
 439. *Lupinus angustifolius*
 439A. " *lupinus*
 157. " *argenteus*
 35. *Medicago lupulina*
 440. " *denticulata*
 46. *Trifolium parvifolium*
 347. " *involucratum*
 210. *Astragalus campestris*
 231. *Luzia Utahensis*
 373. *Saxifraga caespitosa*
 267. *Epilobium coloratum*
 268. " *glaberrimum*
 148. *Caryophytum diffusum*
 144. *Glycosmos occidentalis*
 170. *digesticum filice*
 281. *Galium bifolium*
 466. " *aparinum*, L.
 78. " *triflorum*
 283. " *trifidum*
 481. *Pyrola rotundifolia*
 395. " *chlorantha*, Cav.
 42. *Erythraea Nuttallii*
 230. *Phlox Douglasii*, Hook.
 106. *Eriola Nuttallii*, Gray
 408. " *Watsonii*, "
 137. *Phacelia circinnata*, Jacq.
 407. }
 444. *Heliotropium curassavicum*
 443. *Eritrichium leucocarpum*, Watson
 331. *Cuscuta decora*, Choisy.
 12. *Physalis lanceolata*, Lx., var. *laevigata*, Gray
 50. *Pentstemon azureus*, var. *gaffrayana*
 396. *Mimulus luteus*, var. *alpinus*, Gray

Oct. 6, 79,
 Grinnell, Iowa

Prof. Watson,
 Dear Sir,

Your favor has arrived. I will accept your terms and send you a full set of my Utah plants for the names and corrections to the plants that I send you today.

Please correct all errors and name all the species and especially the varieties if they not already have a name. I have taken great pains to arrange all the names in the enclosed list in this natural order and if I have erred in any respect please

Specimens named for Marcus E. Jones -
 - his Utah collection - as per letter of Oct. 6/
 1879

350. *Anemone multifida*, DC.

349. *Aquilegia caerulea*

356. *Draba alpina*, L.

432. *Brassica vulgaris*, H.

117. *Sisymbrium irio*

194. } *Nasturtium obtusum*

352. }

372. *Silene Menziesii*

263. *Arenaria verna*, var.

363. " *verna*

362. *Sagina Lemnæi*, Pr.

439. *Lupinus angustifolius*

439A. " *laxiflorus*, DC.

157. " *argenteus*, L.

35. *Medicago lupulina*, L.

440. " *denticulata*

46. *Trifolium parvifolium*

347. " *involucratum*

210. *Astragalus campestris*

231. *Lorisia Utahensis*, N.

373. *Saxifraga caespitosa*

267. *Epilobium coloratum*

268. " *glaberrimum*

148. *Caryophytum diffusum*

144. *Glycosmea occidentalis*

170. *digesticum filicin*

241. *Galium bifolium*, L.

466. " *aparinum*, L.

78. " *triflorum*, L.

243. " *trifidum*, L.

441. *Pyrola rotundifolia*, L.

395. " *chlorantha*, Sw.

42. *Erythraea Nuttallii*

230. *Phlox Douglasii*, Hook.

106. *Eriola Nuttallii*, Gray

400. " *Watsonii*, "

137. *Lythraea cuneata*, Jacq.

407. }

444. *Heliotropium Curassavicum*

443. *Eritrichium leucospermum*, Watson

331. *Cuscuta decora*, Choisy.

12. *Physalis lanceolata*, Lx., var. *laevigata* Gray

60. *Pentstemon azureus*, var. *Gaffrayana*

390. *Mimulus luteus*, var. *alpinus*, Gray

mention it.

Please return the enclosed list and the plants (for which I enclose sufficient postage) and I will send you a full set with printed labels full specimens in all cases where it is possible as soon as I can get the labels printed and the plants put up.

I would also be very much obliged if you will give me the name of the Townsend Pentstemon & two Bigelovias that I sent you last year.

You promised to send the names, ^{to some of them} in a few days but another season has passed and they are not here.

Hoping to hear from you soon I am, Very Truly

Marcus E. Jones

Specimens named for Marcus E. Jones
 — his Utah collection — as per letter of Oct. 6/179

350. *Anemone multifida*, DC.
 349. *Aquilegia caerulea*, James
 356. *Draba alpina*, L.
 432. *Brassica vulgaris*, R.Br., var. *stricta*
 117. *Sisymbrium irio*, Eng., var. *Hortwegianum*
 194. } *Nasturtium obtusum*, Nutt.
 352. }
 372. *Silene Menziesii*
 263. *Arenaria verna*, var. *hirsuta*
 363. " *verna*
 362. *Sagina dimorpha*, Presl
 439. *Lupinus argenteus*, var. *decumbens*
 439A. " *laxiflorus*, Dougl.
 157. " *argenteus*, Pursh
 35. *Medicago lupulina*, Linn.
 440. " *denticulata*
 46. *Trifolium parviflorum*, Nutt.
 347. " *involutum*, Willd.
 210. *Astragalus campestris* — reduced form; small-leaved
 231. *Guzmania Utahensis*, n. sp.
 373. *Saxifraga caespitosa*, L.
 267. *Epilobium coloratum*, Muhl.
 268. " *glaberrimum* Barbey, opposit.
 148. *Caryophytum diffusum*, ^{var. *latifolium*} 206.
 144. *Glycosmea occidentalis*, Nutt.
 170. *digesticum filicinum*, Watson
 241. *Galium bifolium*, Watson
 466. " *aparinum*, L.
 79. " *triflorum*, Mx
 243. " *trifidum*, L.
 441. *Pyrola rotundifolia*, var. *incarnata*, Hook.
 395. " *chlorantha*, Sw.
 42. *Erythraea Nuttallii*
 230. *Phlox Douglasii*, Hook.
 106. *Eriola Nuttallii*, Gray
 400. " *Watsonii*, "
 137. } *Phacelia coccinea*, Jacq.
 407. }
 444. *Heliotropium Curassavicum*
 443. *Eritrichium leucospermum*, Watson
 331. *Cuscuta decora*, Choisy.
 12. *Physalis lanceolata*, Lx., var. *laevigata*, Gray
 50. *Pentstemon azureus*, var. *gaffrayana*
 394. *Mimulus luteus*, var. *alpinus*, Gray

164. *Mimulus moschatrus*
 65. *Veronica Anagallis*
 139. *Castilleja miniata*, Gray
 401. " *pallida*
 400. " " var. *alpsentrionalis*, Gray
 152. *Lophanthus urticatifolius*, Nutt.
 337. *Abronia fragrans*, Nutt.
 143. *Eriogonum heracleoides*, Nutt.
 336. " *Thomasii*, Torr.
 140. " *chryscephalum*, Gray
 327. " *brevicaule*, Nutt.
 327A. " " a form
 143. *Rumex crispus*, L.
 143A. " *occidentalis*, Watson
 221. *Polygonum minimum*, "
 66. " *nodosum*
 67. " *Paracaria*
 100. " *tenue*, Mx
 495. " *Hydropiper*
 299A. *Amaranthus blitoides*, Watson
 329. *Guaiacum depressa*, Ledeb. — probably
 17. " " var. *erecta*, Watson
 60. " *intermedia*, Watson?
 176. *Chenopodium leptophyllum*, Nutt., var. *Blouinifolium*, Watson
 490. " *rubrum*, L.
 49. " *glaucum*
 330. *Atriplex patula*, var. *subspicata*, Wats.
 491. " " *Muttallii*, Watson
 91. " *truncata*, Gray
 306. " *truncata*, Gray
 492. *Kochia Americana*, Watson
 493. *Spirostachys occidentalis*, Watson
 493A. *Salicornia subacuta*
 27. *Chenopodium Botrys*, L.
 502. *Habenaria hyperborea*
 97. *Juncus trummondii*
 503A. " *xiphioides*, var.
 199. " *longistylis*, Torr.
 94. " *Mexicanianus*, Bong.
 94A. " " the same probably?
 504. *Scirpus pungens*, Vahl.
 16. " *maritimus*, L.
 506. *Carex obtusata*, Lilje
 202. " *Hoodii*, Benth.
 215. " *Dawsoniana*, Schw.
 95. " *festiva*, Des.
 95. " *Kelloggii*, Benth.
 257. " *agrostalis*, Vahl., var.
 292. " *alpina*, L.
 247. " *atrota*, L. var. *erecta*

- ³⁶
 263. *Cary* *abata*, L., var. *nigra*, Benth.
 259 A. - " *Two young*.
 273. A. " *vitalis*, Fries
 415. " *Hoodii*, Benth
 505. " *lagopina*, Willd., var. *pleiostachya*
 302. " *frigida*, All.
 245. } " *vulgaris*, var. *alpina*, Benth. (*C. rigida*, Benth.)
 247. }

- A. " *Jamesii*, Torr.
 417. " *Raynoldsii*, Daw.
 416. " *Schreberi*, Willd.?
 416 ^{hi} " *Liddoni*, Benth.
 90. A. " *Kelloggii*, W. Benth.

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Plants received from Prof. J. Macoun - Feby 1880.
collected between 51°+52° n. lat. and 97°+115° long.

1. *Erigeron pumilus* - tall
2. " *caespitosus* ?
3. " *glabellum*, B
4. " *grandiflorum*
5. *Aster multiflorus*, var. *stricticaulis*
6. *Aster puniceus*, var. *vimineus*
7. " *simplex*
8. *Aster canescens*
9. " *aestivus*
10. *Aster carinatus*
11. *Aster puniceus*
12. " *Novae-Belgiae*
13. " *montanus*
14. *Aplopappus Nuttallii*
15. *Aplopappus lanceolatus*
16. *Achillea Richardsonii*
17. *Anemone latifolia*
18. *Senecio integerrimus* ?, + *Anemone foliosa*
19. *Anemone angustifolia*
- 20.
1. *Anemone dioica*
2. " *archica*
3. " *discolor*
4. " *longifolia*
- 5.
6. *Anemone ludoviciana*
7. " *Canadensis*
8. *Anemone biennis*
9. *Hieracium Canadense*
10. *Helianthus pumilus* ?
11. *Helianthus rigidus*
12. " *petiolaris*
13. *Helenium autumnale*
14. *Linaphalium palustre*
15. *Crepis elegans*
16. " *vincinata*
17. *Crepis flauca*
18. *Coreopsis tinctoria*
19. *Cnicus Hookerianus* ?
20. " *Drummondii*
1. *Xanthium strumarium*, var.
2. *Madia glomerata*
3. *Toximon glaucum*
4. " " var. *traxiaefolium*
5. *Toximon glaucum*
6. *Taraxacum palustre*, Dr
7. *Toximon cuspidatum*
8. *Senecio aureus*, var. *halimifolia*
9. *Senecio canus*
10. " *integerrimus* ?

51. *Senecio lugens*, var. *Hookeri*
52. " *canus*, var. *minor*, Hook.
3. *Senecio lugens*
4. *Aplopappus acutis* - probably
- 5.
6. *Erigeron compositum*.
7. *Erigeron Canadense*
8. *Erigeron compositum*
9. *Solidago gigantea*, var.
- 60.
1. *Solidago Virga-aurea*, var. *multicaulis*
2. *Solidago nemoralis*
3. " *Missouriensis*, var. *montana*, Gray
4. " *Virga-aurea*, var. *humilis*
5. *Solidago nemoralis*
6. *Solidago* - too poor
7. *Solidago nemoralis*
8. *Clematis ligusticifolia*
9. *Anemone parviflora*
10. *Ranunculus affinis*
1. " " var.
2. *Thalictrum trachyscarpum*
3. " *palustre*
4. *Arabis Holboellii*, form ?
5. " *Holboellii*
6. " *Drummondii*
7. *Arabis purifolia*
8. *Erysimum asperum*
9. *Sisymbrium incisum*
10. *Sisymbrium incisum*, v. *Hortegii*
1. " *canescens*
2. *Erysimum parviflorum*, Nutt.
3. *Draba alpina*, var.
4. " *alpina*, var. *glacialis*
5. " *aurea* + *incana*
6. " *alpina*, var. *stellata*, var. *joannis*
7. " *alpina*
8. *Resicaria ludoviciana*
9. *Physaria didymocarpa*
10. *Cleome integrifolia*
1. *Polemonia parviflora*
2. *Stellaria crassifolia*
3. " *borealis*
4. *Sagina decumbens*
5. *Artemisia can.*
6. *Silene Menziesii*
7. *Lychnis apetalus*
8. " *Drummondii*
9. *Cerastium alpinum*, v. *Aschingeri*
10. *Sium rigidum*

101. *Aconitum*
 12. *Oxalis corniculata*
 13. *Anemone microphylla*, Nutt.
 14. *Lupinus Kingii*
 15. *Hedysarum Mackenzii*
 16. *Oxytropis campestris*, var. *viscida*
 17. " *laevis* *campestris*
 18. " *laevis*

-9. " *splendens*

110. *Psoralea lanceolata*

11. *Astragalus frigidus*
 12. " *bisulcatus*
 13. " *drummondii*
 14. *Oxytropis podocarpa* ??
 15. *Astragalus aboriginum*
 -6. " *flexuosus*
 17. " *Missouriensis*
 18. " *pauciflorus*
 -9. " *flexuosus*

120. *Agrimonia eupatoria*

- 1. *Spiraea betulifolia*
 12. *Crataegus coccinea*
 13. *Potentilla Plattsensis*
 14. " *nivea*
 -5. " *gracilis*, slender form
 -6. " *gracilis*
 -7. " " var. *viridis*
 -8. " *Hippiana*
 -9. " *Pennsylvanica*, var. *striata*

130. " *vivialis*, var.

- 1. " *supina*
 12. *Saxifraga cespitosa*
 13. " *aizoides*
 14. " *oppositifolia*
 15. *Androsace Chamajasma*
 -6. *Penstemon palustris*
 -7. *Epilobium ciliatum*

-9. " *nolle*, var. *Barbey*

140. " *latifolium*

- 1. " *coloratum*
 -2. " *tetragonum*
 13. *Oenothera triloba*
 14. " *brevisflora*
 15. *Cicuta virosa*
 -6. *Sium lineare*
 17. *Peucedanum macrocarpum*
 18. *Muscivora divaricata*
 19. *Cornus stolonifera*

150. *Lonicera pauciflora*

1. *Archostaphylos alpinus*
 2. *Plantago major*, var. *Asiatica*
 -3. *Plantago Patagonica*, var.

- 154. *Plantago Patagonica*, var. *aristata*
 -5. *Primula farinosa*
 -6. *Androsace septentrionalis*
 -7. *Dodecatheon Meadia*, var.
 18. *Centunculus minimus*
 -9. *Pentstemon acuminatus*
 -160. *Cassilleia pallida*, var.
 -1. " *miniata*
 -2. *Euphorasia officinalis*
 -3. *Verbena bracteosa*

-4. *Echinopspermum florindum*

15. " *leucocarpum*

-6. *Eritrichium Californicum*

-7. *Heliotropium Curassavicum*

-8. *Paronychia sessiliflora*

19. *Gilia intertexta*

-170. *Gentiana Anaxilla*, var. *acuta*

-1. " " var. *stricta*

-2. " *humilis*

-3. *Calyptegia sepium*, var. *repens*

-4. *Apocynum canescens*

-5. *Asclepias speciosa*

16. " *ovatifolia*

17. *Oxybaphus hirsutus*

-8. *Chenopodium album*

-9. *Chenopodium leptophyllum*

180. *Chenopodium leptophyllum*, var. *glabrum*

-1. *Chenopodium rubrum*

12. *Chenopodium rubrum*, var. (?)

13. *Blitum planum*, var. *humile*

14. *Eurotia lanata*

15. *Atriplex argentea*

16. *Atriplex confertifolia*

-7. *Atriplex patula*

18. *Polygonum ramosissimum* ?

19. *Polygonum lapathifolium*

190. " *imbricatum*, Nutt

1. *Eriogonum androsaceum*

12. *Rumex crispus*, Persh

13. " *occidentalis*

14. *Rumex crispus*, var. *salicifolius*

15. *Shepherdia argentea*

16. *Euphorbia leptosperma*

17. *Callitriche verna*

18. " " var. *form*

(9.) 154. *Urtica gracilis*

1200. *Urtica gracilis*

1. *Alnus incana*, var.

-2. *Betula glandulosa*, Michx

13. " *occidentalis*, Hook

14. *Populus monilifera*

15. *Sperganium semplex*

16. *Typha latifolia*

-7. *Alisma Plantago*, var.

18. *Sagittaria variabilis*, var. *gracilis*

- 209. *Trifolium maritimum*
- ✓210. " " *palustre*
- ✓11. *Habenaria foetida*?
- ✓12. *Spizantha Romanoviana*
- ✓13. *Cypripedium parviflorum*
- ✓14. *Sisyrinchium mucronatum*
- ✓15. *Stenanthium occidentale*
- ✓16. *Tofieldia pubescens*
- ✓17. *Prozartes trachelocarpa*
- ✓18. *Allium reticulatum*
- 9. *Allium commune*, R.H.
- ✓20. " " ? *Young*

Lake ending - Mar. 1, 1900

- 1. *Potentilla Hippiana*, var. *pulcherrima*
- 2. *Silene humilis*
- 3. *Microsiris laciniata*
- 4. *Troximon Chilense*
- 5, 6. *Epil. minutum*
- 7. " *rudde*
- 8. *Daba alpina*
- 9. *Erythronium albidum*
- 10. "Aster *torridus*"
- 11. *Collomia gracilis*
- 12. *Eriogonum coccineum*, var. *aphanachis*
- 13. *Phlox longifolia*
- 14. *Gragia polygabarida*
- 15. *Tetradymia spinosa*
- 16. *C. inia inconspicua*
- 17. *Eriogonum circumscissum*?
- 18. *Sanicula californica*
- 19 = 16.
- 20. *Phacelia biflora*
- 21. *Lappula glandulosa*
- 22. *Gilia achilleantha*
- 23. *Astragalus spinescens*

W. C. Cusick - Feb 7 - 1880.
Union Co., Oregon

35. *Ranunculus glaberrimus* (5)
40. *Allium macrum* (6)
41. *Metensia elongifolia* (6)
45. *Erigeron annuus* (6)
52. *Delphinium bicolor* (6)
67. *Ribes cereum* (6)
54. *Balsamorhiza sagittata* (6)
122. *Spiraea betulifolia* (4)
145. *Pachystima myrsinites* (6)
174. *Philox Douglasii*, var. (6)
180. *Chiranthus Menziesii* (6)
182. *Balsamorhiza Hookeri* (6)
205. *Rosa Nutkana* (6)
253. *Aquilegia flavescens* (4)
255. *Gilia Nuttallii* (4)
438. *Antennaria Carpathica* (6)
464. *Epilobium oxianthes* (4)
484. *Helianthus Nuttallii* (6)
514. *Pedicularis racemosa* (6)
523. *Ledum glandulosum* (5)
644. *Pentstemon confertus* ? (4)
663. *Aster Cusickii* (6)
703. *Phacelia arctica* (4)
727. *Arabis Cusickii* (6)
728. *Platyspermum acapicum* (4)
729. *Viola canina*, var. (4)
730. *Aplopappus lanuginosus* (6)
731. *Antennaria dimorpha* (6)
733. *Viola Nuttallii* (4)
734. *Saxifraga integrifolia* (4)
735. *Collomia tenella* (4)
736. *Gilia micromeria*, (6)
737. " *undulatis* (6)
738. *Crataegus tomentosa*, (6)
741. *Antennaria alpina*, var. (4)
744. *Cardamine hirsuta*, var. (6)
745. *Sisymbrium incisum*, var. (6)
747. *Senecio apothecus*, (5)
748. *Draba nemorosa* (6)
749. *Sisymbrium linifolium* (6)
750. *Erigeron Bloomeri* (5)
752. *Poa tenuifolia* (4)
753. *Festuca occidentalis* (6)
754. *Erigeron filifolium* (6)
755. *Immananthus pusilla* (6)
759. *Lepidium didymum* (6)
761. *Festuca rubra* (4)
763. *Zizium repens* (6)
765. *Vilfa cuspidata* (5)
766. *Spartina gracilis* (6)
769. *Pachycephalus tenuis* (4)
770. = 754 (6)
771. *Chorizanthe Masoni* (6)
774. *Elymus Titanium*, (5)
776. *Collomia leptalea* (6)
781. *Elymus condurcatus* (6)
783. *Cotabrosa aquatica* (4)
786. *Scirpus sylvestris*, (6)
788. *Elymus Tibericus* (4)
789. *Carex viscarica* (4)
792. *Juncus Nevadaensis* (4)
793. *Carex filiformis*, var. (3)
795. *Erythraea Douglasii* (4)
796. *Juncus xiphoides*, (5)
797. *Agrostis varians* ? (4)
799. *Senecio hydrophila* (4)
801. *Carex atrovirens* (4)
804. *Agrostis exarata* (4)
807. *Ranunculus unklipficus* (4)
812. *Sarcobatus vermicularis* (4)
814. *Calamagrostis Langsdorffii* (4)
815. *Danthonia arctica* (6)
819. *Cryptogramma acrostichoides* (2)
834. *Thelypodium integrifolium* (6)
836. *Aster Douglasii* (4)
838. *Vaseya comata* (3)
840. *Castilleja pallida* (6)
841. *Carex aristata* (4)
842 (bi). *Andros alyssoides* (4)
843. *Malvastrum Munroanum* (6)
844. *Galium Bloomeri* (6)
845. *Populus balsamifera* (6)
850. *Arenaria Fendleri* (6)
852. *Blondra Oregona* (6)
853. *Phacelia Oregona* (6) n.s.p.
856. *Metensia Tiberica*, (6)
860. *Linum micranthum* (6)
862. *Astragalus collinus* (6)
863. *Bahia integrifolia* (4)
864. *Zonella floribunda* (4)
865. *Pentstemon Cusickii* (6)
866. " *triphyllus* (4)
867. *Asclepias cryptoceras* (6)
868. *Pentstemon glandulosus* (6)
870. *Rhamnus Purshiana* (4)
872. *Monophila parviflora* (4)
874. *Zinnia brevifolia* (6)
875. *Salix cordata*, var. (6)
876. *Melica Gayana* (4)

- 877. *Rugula comosa* (6)
- 879. *Trisetum cernuum* (4)
- 880. *Trisetum caninum* (4)
- 884. *Minulus moenchianus* (4)
- 888. *Lathyrus polymorphus* (4)
- 889. *Carex filifolia* (4)
- 891. *Atriplex Nuttallii* (4)
- 894. *Phacelia circinata* (4)
- 897. *Lophanthus utricifolius* (4)
- 898. *Stipa occidentalis* (4)
- 899. *Spiraea discolor* (6)
- 900. *Melica bulbosa* (4)
- 901. *Viola canina*, var. (4)
- 902. *Pellaea Breweri* (5)
- 904. *Hieracium triste*, var. (6)
- 905. *Aster alpinus* (6)
- 906. *Lonicera Gordonii* (4)
- 907. *Stylosanthes filaginosa* (4)
- 908. *Salix livida*, var. (6)
- 910 = 438.

Set I.	} 117 spec.	W. M. C. C. C.	4.00
II.			
III.	116 "		
IV.	114 "		
V.	64 "	A. Common	4.00
VI.	57 "	G. Vasey	4.00

F. L. Harvey - Fayetteville, Ark.

Col. 7 1880

Det. Sept. 1881

- | | | |
|---|-------------------------------------|----|
| 1. <i>Eupatorium rotundifolium</i> | 47. <i>Bellis integrifolia</i> | 9 |
| 2. <i>Vernonia angustifolia</i> | 48. " ? | 9 |
| 3. " <i>Baldwinii</i> | 49. <i>Schollera paniculata</i> | 9 |
| 4. <i>Eup. purpureum</i> | 50. <i>Rumex obtusifolius</i> | 9 |
| 5. <i>Aster oblongifolius</i> | 51. " <i>oblongifolius</i> | 9 |
| 6. " <i>umbellatus</i> | 52. <i>Caryophyllus longicaulis</i> | 9 |
| 7. <i>Polygonum</i> — ? n. sp. ? | 53. <i>Hypericum prostratum</i> | 10 |
| 8. <i>Elephantopus scindalus</i> | 54. " <i>maculatum</i> | 10 |
| 9. <i>Vernonia altissima</i> | 55. " <i>drummondii</i> | 10 |
| 10. <i>Aster paludosus</i> | 56. " <i>undiflorus</i> | 10 |
| 11. <i>Vernonia angustifolia</i> , v. <i>Texana</i> | 57. <i>Elaeagnus parviflora</i> | 10 |
| 12. <i>Liatris spicata</i> | 58. <i>Leschea tenuifolia</i> | 10 |
| 13. <i>Eup. ageratoides</i> | 59. " <i>major</i> | 10 |
| 14. <i>Liatris aequarosa</i> | 60. <i>Hypericum undulatum</i> | 10 |
| 15. <i>Solidago bicolor</i> | 61. <i>Baptisia leucantha</i> | 10 |
| 16. " — ? | 62. <i>Seymouria macrophylla</i> | 10 |
| 17. <i>Rhigelia Douglasii</i> ? | 63. <i>Aster ptarmicoides</i> | 10 |
| 18. <i>Solidago</i> — ? | 64. <i>Adiantum virginicum</i> | 11 |
| 19. " <i>rigida</i> | 65. <i>Sagina decumbens</i> | 11 |
| 20. " <i>serotina</i> | 66. <i>Asplenium Pitcheri</i> | 11 |
| 21. " <i>cassia</i> | 67. <i>Linum Virgin. v. Texanum</i> | 11 |
| 22. " <i>sparsiflorus</i> ? | 68. <i>Polygala sanguinea</i> | 11 |
| 23. <i>Aster ericoides</i> ? | 69. <i>Apocynum tuberosum</i> | 11 |
| 24. " <i>missouriensis</i> , var. | 70. <i>Phaseolus helioscandus</i> | 11 |
| 25. " — ? | 71. <i>Lespedeza capitata</i> | 11 |
| 26. " <i>oblongifolius</i> - narrow leaved | 72. <i>Ceanothus Virginianus</i> | 11 |
| 27. " <i>acromyalus</i> , Engelm. | 73. <i>Cleomea maritima</i> | 12 |
| 28. " <i>tradescanti</i> | 74. <i>Desmodium undiflorum</i> | 12 |
| 29. " — ? | 75. <i>Phaseolus dimorphus</i> | 12 |
| 30. " <i>tradescanti</i> , v. <i>fragilis</i> | 76. <i>Cassia occidentalis</i> | 12 |
| 31. <i>Chrysopsis pilosa</i> | 77. <i>Jussiaea decurrens</i> | 12 |
| 32. <i>Polygonum procumbens</i> | 78. <i>Penthorum sedoides</i> | 12 |
| 33. <i>Cynosciadium digitatum</i> , DC. | 79. <i>Onoclea sensibilis</i> | 12 |
| 34. <i>Plantaginella lacustris</i> - apparently | 80. } | 12 |
| 35. <i>Gerardia quadrifolia</i> | 81. =?? | 12 |
| 36. <i>Styrax puberula</i> | 82. <i>Styrax ciliatum</i> | 12 |
| 37. <i>Dianthus humilis</i> , L. & C. | 83. <i>Adiantum Boscii</i> | 13 |
| 38. <i>Pentstemon pubescens</i> | 84. <i>Lythrum alatum</i> | 13 |
| 39. <i>Aschopias perennis</i> | 85. <i>Viola Virginica</i> | 13 |
| 40. <i>Talinum terifolium</i> | 86. <i>Galium Circægens</i> | 13 |
| 41. <i>Echinacea purpurea</i> | 87. " <i>filosum</i> ? | 13 |
| 42. <i>Liatris aequarosa</i> - form | 88. " <i>trifidum</i> | 13 |
| 43. <i>Heterotheca hamorckii</i> | 89. <i>Houstonia missouriensis</i> | 13 |
| 44. <i>Eupatorium celestinum</i> | 90. <i>Spiraea Aruncifolia</i> | 13 |
| 45. <i>Senecio aureus</i> | 91. <i>Rosa arkansensis</i> | 13 |
| 46. <i>Helenium undiflorum</i> | 92. <i>Verbena appendiculata</i> | 13 |
| | 93. " <i>puberula</i> | 13 |

94. *Lobelia siphilitica*, v. *Ludoviciana*
95. " *leptostachys*
96. *Vaccinium Pennsylvanicum*?
97. " *stamineum*
98. " *arborescens*
99. *Plantago Virginica*
100. " *Rugelii*
101. *Polygala verticillata*
102. *Gerardia heterophylla*
103. *Verbena bracteosa*
104. *Dicliptera brachiata*
105. *Lippia nodiflora*
106. " *lanceolata*
107. *Salvia lyrata*
108. *Calamintha glabella*
109. *Scutellaria canescens*
110. *Monarda punctata*, v.
110. *Scutellaria coccinea*
112. *Scutellaria rosea*
113. *Tenarium Canadense*
114. *Scutellaria cordifolia*
115. *Pyramanthemum albescent*
116. *Physostephanus Virginica*
117. *Ethiopia Mychelia*
118. *Oenothera Canadensis*, v. *modica*
119. *Convolvulus sepium*, v. *Americana*
120. *Ephedra paniculata*
121. *Phlox divaricata*
122. " *pilosa*
123. " *paniculata*
124. *Physalis lanceolata*
125. *Gentiana Aspernaria*
126. *Physalis angulata*
127. *Sabbatia angulata*
128. *Aceras longifolia*
129. *Podostigma* (?) *apodum* - 2. sp.?
130. *Asclepias purpurascens*
131. *Oxybaphus albidus*
132. *Polygonum ramosissimum*
133. *Xyris torosa*
134. *Tradescantia Virginica*

J. & T. J. Howell - Union Co., Oregon

plants of Sept. & Oct. 1860

named Sept. 1861

- | | |
|---|--|
| <p>260. <i>Artemisia congesta</i>, Nutt., v. <i>subcongesta</i>, N.
 261. <i>Allium Nevii</i>, Watson - loc form
 262. " <i>pleianthum</i>, Watson
 264. <i>Psilocarphus tenellus</i>, Nutt.
 265. <i>Aplopappus uniflorus</i>
 266. <i>Antennaria flagellaris</i>, Gray
 267. <i>Lagophyllum ramosissimum</i>, Nutt.
 268. <i>Lagophyllum diffusum</i>, Torr.
 269. " <i>vaccinosum</i>, Torr.
 270. <i>Gilia pusilla</i>
 271. <i>Claytonia triphylla</i>, Watson
 272. <i>Calandrinia Nevadaensis</i>, Gray
 274. <i>Horkelia fusca</i>, Link.
 275. <i>Eritrichium Calif.</i> - DC
 276. <i>Lorinseria conjugialis</i>, Kell
 277. <i>Minuartia tenella</i>, Gray
 278. " <i>primuloides</i>, Benth.
 279. <i>Castilleja parviflora</i>, Gray.
 280. <i>Euphorbia leptocoma</i>, Douglas
 281. <i>Calochortus Tolmiei</i>, Hook.
 282. <i>Habenaria gracilis</i>, Watson
 283. <i>Isotria medeoloides</i>, Nutt.
 284. <i>Camissonia aculeata</i> ?
 285, 286. <i>Artemisia</i> <i>Cal.</i> <i>bianca</i>, Nutt.
 287. <i>Thalictrum occidentale</i>, Nutt. & Gray
 288. <i>Dicentra Cucullaria</i>, DC.
 289. <i>Arabis platyphoma</i>, Gray
 290. <i>Viola cernuosa</i>, Dougl.
 291. <i>Silene Oregona</i>, Watson
 292. <i>Sphaerobolus rivularis</i>, Dougl.
 293. <i>Stellaria crispa</i>, v. <i>pubescens</i>
 294. <i>Lupinus Lyallii</i>, Gray
 295. " <i>aridus</i>, Dougl.
 296. " " v. <i>Lobbii</i>, Watson
 297. <i>Melilotus alba</i>, Lam.
 298. <i>Spiraea heliophylla</i>, Pall.
 299. <i>Saxifraga stolonis</i>, L.
 300. " <i>Tolmiei</i>, Torr.
 301. <i>Sedum Douglasii</i>, Hk., v. <i>uniflorum</i>
 302. <i>Cotyledon Oregonum</i>, Watson. n. sp.
 303. <i>Spiraea pectinata</i>, Torr.
 304. <i>Epilobium paniculatum</i>, Nutt.
 305. " <i>ovariifolium</i>, Lam. ?
 306. <i>Godtia epilobioides</i>, Watson
 307. <i>Perovskia tridentata</i> ?
 308. <i>Symphoricarpos vaccinosus</i>, Hk.
 309. <i>Aster</i>
 310. <i>Vaccinium occidentale</i>, Gray
 311. " <i>digitatus</i>, v. <i>microphyllum</i>, Hk.
 312. <i>Pyrola picta</i>, L., v. <i>debilis</i>, Gray</p> | <p>333. <i>Monarda hypoleuca</i>, L.
 334. <i>Phacelia proserpa</i>, Gray
 335. <i>Echinopsium laevis</i>, Gray
 336, 337. <i>Eritrichium Scouleri</i>, DC
 337. " <i>barbigerum</i>, Gray
 338. " <i>tenellum</i>, Gray
 339. <i>Pectocarya pusilla</i>, B. & H.
 340. <i>Phlox Douglasii</i>, v. <i>diffusa</i>
 341. <i>Phlox</i> <i>curviflora</i>
 342. " <i>var.</i>
 343. <i>Pentstemon Cairdii</i>, Hk.
 344. " <i>primivus</i>, Dougl.
 345. <i>Cordylanthus capitatus</i>
 346. = 296.
 347. <i>Pedicularis brachyca</i>, Benth.
 348. " <i>vaccinosus</i>, Dougl.
 349. <i>Eriogonum umbellatum</i>
 350. <i>Polygona ramosissima</i>
 351. <i>Limonium densum</i>, Torr.
 352. <i>Habenaria elegans</i>, B. & H.
 353. <i>Aster asperifolius</i>, L.
 354. " <i>Danthoides</i>, Trin.
 355. <i>Calamagrostis</i> ?
 356. <i>Poa arctica</i>, B. & H. ?
 357. <i>Triadenum</i> <i>var.</i> <i>Trin.</i>
 358. <i>Poa abenantha</i>, Trin.
 359. " <i>pratensis</i> ?
 360, 361. <i>Glyceria agrostifolia</i>, Sm.
 362. <i>Danthia Calif.</i> - B. & H.
 363. <i>Tritium repens</i>, L.
 364. <i>Atriplex canescens</i>, Thieb.
 365. <i>Castilleja Minuscula</i>, Nutt.
 366. <i>Monolepis chrysocephala</i></p> |
|---|--|
-
- | | |
|--|---|
| <p>321. <i>Sedum Douglasii</i>, Hk., v. <i>uniflorum</i>
 322. <i>Cotyledon Oregonum</i>, Watson. n. sp.
 323. <i>Spiraea pectinata</i>, Torr.
 324. <i>Epilobium paniculatum</i>, Nutt.
 325. " <i>ovariifolium</i>, Lam. ?
 326. <i>Godtia epilobioides</i>, Watson
 327. <i>Perovskia tridentata</i> ?
 328. <i>Symphoricarpos vaccinosus</i>, Hk.
 329. <i>Aster</i>
 330. <i>Vaccinium occidentale</i>, Gray
 331. " <i>digitatus</i>, v. <i>microphyllum</i>, Hk.
 332. <i>Pyrola picta</i>, L., v. <i>debilis</i>, Gray</p> | <p>1. <i>Aster leptophyllus</i>, Gray
 2. " " ?
 3. " " ?
 4. " <i>radialis</i>, Gray
 5. " <i>integrifolius</i>, Nutt.
 6. <i>Senecio carolinensis</i>, L. & R.
 7. <i>Erigeron</i> - n. sp.
 8. <i>Aster asperifolius</i>, Gray
 9. <i>Erigeron albauginosus</i>
 10. " <i>inornatus</i>, Gray
 11. <i>Solidago elongata</i>, Nutt.
 12. <i>Senecio carolinensis</i>, Nutt.
 13. <i>Brickellia oblongifolia</i>, Nutt.
 14. <i>Aplopappus</i> - n. sp.
 near <i>A. carthagenoides</i></p> |
|--|---|

15. *Balsamorhiza horkensii*, Nutt.
16. *Grindelia hirsutula*, H. & A.
17. " *mana*, Nutt.
18. *Aplopappus Hallii*, Gray
19. " *Mooseri*, Gray
20. *Hicoria graveolens*, Gr.
21. *Gnaphalium macrocephalum*, Nutt.
22. *Senecio vulgaris*, L.
- 23, 24. " *torulensis*, H.
25. *Habenaria alpina*, Gaertn.
26. *Scissura Americana*, Df. & S. ex Gr.
27. *Cnicus undulatus*, Gray
28. " *carlinoides*, v. *Americanus*, Gr.
29. *Toxicum grandiflorum*, Gray
30. " *glabrum*, Nutt.
31. *Microrhiza cuneata*, Gray
32. *Lactuca Canadensis*, L.

W. C. Cusick — Oct. 1881.

38. *Asparagus Bourgeovii*, Gray
 52. *Delphinium Menziesii*, DC.
 53. " — ? a dubious thing.
 54. *Brodiaea Douglasii*, Watson
 70. *Erythronium grandiflorum*, L., v. minus, Nutt.
 78. *Pentstemon confertus*, Dougl.
 93. *Xthocarpus tenuifolius*, Bth.
 111. *Trifolium pauciflorum*, Nutt.
 118. *Echinopsium floribundum*
 178. *Viola Beckwithii*, Torr.
 181. " — , var. *venosa*
 193. *Lathyrus Cusickii*, n. sp.
 222. *Artemisia aculeata*, Watson
 232. *Pentstemon attenuatus*, Link.
 265. *Spiraea betulaeifolia*
 384. *Viola carmentosa*, Dougl.
 398. *Stellaria Jamesii*, Torr.
 487. *Delphinium scopulorum*, Gray.
 505. *Grindelia nana*, Nutt.
 626. *Senecio. Canus*, Hook., var.
 846. *Sedum divaricatum*, Watson, n. sp.
 849. *Cusickia Oregonensis*, Gray — n. gen.
 853. *Physaria Oregonica*, Watson
 855. *Echinopsium diffusum*, L., v. *lispidum*, Gr.
 861. *Celtis reticulata*, Torr. ?
 915. *Microphila Menziesii*, H. & A.
 916. *Glossopetalon spinescens*, Gr.
 917. *Arabis arcuata*, Nutt.
 918. " — ?
 919. " — ?
 921. *Thlaspidium legitimum*, Endl.
 924. *Eriogonum microthecum*, Nutt.
 925. *Rhamnus natans*, L.
 926. *Gilia flaccida*, Gray
 928. *Cyperus aristatus*, Roth.
 929. *Lupinus calcaratus*, Kull.
 927. *Rhus glabra*, L.
 930. *Eriogonum Douglasii*, Nutt.
 931. *Allium pleianthum*, W.
 932. *Eriopogon Nevadaensis*, Gray
 933. *Eriogonum ovalifolium*, Nutt., var.
 934. *Ceanothus amara*, Nutt.
 935. *Phlox Douglasii*
 936. *Eriogonum sphaerocepalum*, Dougl., var.
 937. *Nitrophila occidentalis*, Watson
 938. *Senecio. anser*, L., v. *borcelis*
 939. *Gaura parviflora*, Nutt.
 940. *Eritrichium circinnacissum*, Torr.
 941. *Crepis runcinata*, DC.
 942. *Allium* — ?
 943. *Infolium longipes*, Nutt.
 944. *Luzula* — n. sp. ?
 945 = 936.
 946. *Asparagus Cusickii*, Watson n. sp.
 949. *Arabis Lyallii*, Watson
 950 = 942
 954 }
 955. *Cardamine cordifolia*, Gray
 951. *Aplopappus hirtus*, Gray n. sp.
 956. *Aster* — ?
 957. *Arnica angustifolia*, Nutt.
 958. *Aplopappus Lyallii*, Gray
 959 = 928.
 960. *Sanicula Nevadaensis*, Watson
 961. *Stellaria umbellata*, Torr.
 962. *Poa aradina*, Nutt.
 963. *Claytonia trichylla*, W.
 964. *Calandrinia pygmaea*, Gr.
 965. *Rhamnus alnifolia*, L. var.
 966. *Potentilla palustris*, Cesp.
 967. *Dulichium spathaceum*, Rich.
 968.
 969. *Artemisia arbuscula*, DC.
 970. *Silene Spaldingii*, Watson
 971. *Aplopappus niger*.
 972. { *Lesqueris affinis*, Griseb.
 Arastium douglasii, L.
 973.
 974. *Calamagrostis stricta*, Trin.
 975. *Bridellia grandiflora*, Nutt.
 976. *Transtrillia grandis*, Nutt.
 977. *Poa* — ?
 978. *Pentstemon densus*, Dougl.
 979. *Chrysopsis villosa*, Nutt., var.
 980. *Gilia congesta*, Hook.
 981.
 982.
 983. *Rumex venosus*, Pa.
 984. " *paucifolius*, Nutt.
 985. *Allium* — ?
 986. *Cean. Geyeri*, Nutt.
 987. " *Pennsylvanica*, Lam.
 988. *Claytonia megarhiza*, Perry.
 989. *Vaccinium myrtillus*, Des., Hook.
 990. *Aster Bloomeri*, Gray
 (a) *Poa* — ?

Received

1876

July 10 - Box from Kew, containing for A. Gray

1 Bundle - Supl. Dr. Aitchison's coll.

1 " Burchell's Restiaceae

1 " Dr. Schweinfurth's Trop. Afr. Gram^{ms}, named by Vernon

1 " Miscellaneous Supl.

3 " Set III. Whitman's Common Herbs, &c.

Leaf's Salvia Britan. Exsicc. Fasc. I.

Hooker - Kew, Fl. Austral. Vol. VII.

Hooker, Fl. Austral. in Bot. & Kew, Austral. Ind.

" Himalayan Journals, Vol. I, II.

" Bot. Austral. Kew. Austral. Ind.

Kew, Fl. Austral. & Brit. Herbar.

Maclean, Herbar. Austral. Austral. Ind. p. 1.

Hooker, Flora Mauritiana & Austral.

For Dr. Fothergill - Delivered.

Museum of Botany - Delivered.

Fothergill's Museum of Botany - Delivered.

Museum of Botany - Delivered.

Print of Botany.

For Dr. Fothergill - Delivered.

Museum of Botany - Delivered.

For Dr. Fothergill - Delivered.

Museum of Botany - Delivered.

For Dr. Fothergill - Delivered.

Museum -

All as per Memorandum recd

Received ~ Sept. 1874

Box from Dr. Palmer - Mexico - containing

3 packages dried plants sent to Dr. Parry, Dartmouth, Dec. 1874.

1 Agave - to Falconer

1 Convolvulus top

1 "Agave Engelmannii"

1 package seeds - Sotoleros etc. - to Prof. Sargent

1 "Intervium of the Yucca" - to Prof. Engelmann's room

pine specimens

Palmer	5. Wash, 1877-84	6	314 sp.	=	25.00	} sent by Maximilian or paid for July 30. - to Co. - June 1877 for postage
Palmer	5. Wash, 1877-84	11	454 sp.	=	35.00	
"	"	12	438 sp.	=	25.00	
"	"	14	344 sp.	=	25.00	
"	"	15	255 sp.	=	15.00	
		13	432 sp.	=	30.00	
			43			

Palmer & Palmer's Mexican ... ordered

1 vol to C. J. Maximilian, Smithsonian Academy. July 29, 77

Palmer (to Trinidad ferns)

6. To Sup. of Agric., Washington. Aug. 9/76 \$7.50

Palmer's Tropical Mexican Tripterygium Gata, 1879.

Supplied from Maximilian

Maximilian

All ready to start tomorrow. I have arranged to ship to Mr. Gray, the balance of Palmer, sets viz set 5, 8 Utah, sets 11-12-14 Arizona, all marked on outside with No & price charge freight to Palmer.

Thanks for Liliun Description; please change figure
of size from 3-6 ft. to 2-5 ft. (near the mark
I have a very nice figure of lult. ~~etc~~ proofs
will be sent soon
Yours
C. C. Parry

1878 Sent in one package to Smith Justice by Express
July 4. - no receipt. Express by P. O. - paid 4th 1878.

In same package to Smithⁿ, from Dr. Gray 1 bundle for
Secord & Co., Geneva

July 7th By Express
P.V. L. Roy, Hub^{er} CO. Col^o, N.Y.C. "Paid Through", a.c.
Populists, Aggr^{essive} Movement, + all from a Group, - Government
Dr. E. V. Roy - Apr^{il} 1898, Washington, D.C. - Sardin, a.c.
Populists, + all from a Group, - Government

Apr. 16, By E. A. Snow to forward by Hamburg Steamer - for Dr. Maximowicz
Imp. Botanic Garden, St. Petersburg, Russia
 1 Box, containing Volume, act 6. as above
 " Set II
 Currier's note from Florida - 2 bundles
 Miscel. plants from Gray Herb. -
 1 Mr. Conz's (Glaberrima) Dr. Gray.
 See also changes sent by Dr. Gray.

1904. My Squares
 1904. Maclean (Hillville, Ontario, Canada)
 Binkley & Palmer's Collection (Hillville) - 10.
 Group 1. 1. 1.
 1904. 1904. 1904. 1904. 1904. 1904. 1904. 1904. 1904. 1904.

Handwritten text in the right margin, possibly a date or page reference, appearing as "1858".

Wright's Cuban sets in garret, Dec. 1878

9 - 2 bundles = "960 sp."] To Cosson, June 1879
110 " 780 "
11 " 750 "
[12 1 bundle 660 "] Sent Prof. H. A. Ward, Rochester
Jan 1st 1879
8 2 " 283 + 188 sp.

Palms -
7
18
16

x Address to Buchanan - "about 15 sp."] To Cosson, June 1879
x marked satellite

Hypericaceae

# 7	169 sp	J. D. Farrow	Jan 1879	Paid \$12.00
9	151	J. D. Farrow		
10	149	Unknown		8.50
11	143	J. D. Farrow	" "	11.44
12	149			
14	138	Prof. Farrow - (\$9.00) -	Jan 1879	8.06
15	137			
x				
13	141			

Orchidaceae

1 Bundle] To Cosson, June 1879

Texan Diplazium - 1 Bundle - To J. D. Farrow - Jan 1879

Island of Pines plants - 1 Bundle.

San Domingo Collection - To Agric. Dep't, Jan 1879

